THE

AMERICAN HOME

SERVING OVER 3,000,000 HOMEMAKERS EVERY MONTH

AUGUST · 25¢





Now! A new kind of G-E Refrigerator-Freezer ... plus Revolving Shelves

Actually, the new, 13.7-cubic-foot General Electric Refrigerator-Freezer is two extra-large appliances in one!

The big, 10-cubic-foot refrigerator compartment at top gives you all the capacity of a full-size refrigerator. And, the large freezer compartment at bottom is separately insulated and separately refrigerated!

YOU GET TWO BIG APPLIANCES IN ONE



BIG 10-CUBIC-FOOT REFRIGERATOR

BIG 3.7-CUBIC-FOOT

Furthermore, the new Revolving Shelves put all refrigerated foods within easy reach. No more bending and stooping.

In addition, you get all these wonderful conveniences: no defrosting in refrigerator section; automatic butter conditioner; Mini-Cube and Redi-Cube® ice trays; convenient foot-pedal latch on freezer door; adjustable and removable door shelves; famous General Electric sealed-in refrigeration system with 5-year warranty.

More than 3,500,000

So dependable! More than 3,500,000 G-E Refrigerators in use 10 years or longer!

See these new, exciting General Electric Combinations at your G-E dealer's; ask him for prices and easy terms. For his name and address, look in the classified telephone directory.

General Electric Company, Appliance Park, Louisville 1, Kentucky.

Progress Is Our Most Important Product





Shelves turn like a "Lazy Susan"! Turn a Revolving Shelf, and the food you want rides before you. Everything is so easy to reach.



No need to remove foods and rearrange shelves when item doesn't fit. With Revolving Shelves, you press a button, and . . .



15 per cent MORE room! Revolving Shelves give 15 per cent more space the previous corresponding m



Simply revolve a shelf. between shelves automat widens-or narrows-deper upon direction turned.

When you make remodeling plans include noise-quieting ceilings



It's smart and inexpensive to add quiet to your remodeling plans when you refinish old ceilings. Armstrong Cushiontone, a modern ceiling tile, absorbs the sound of kitchen appliances, preventing noise from spreading throughout the house. More than just a decorative ceiling, Cushiontone will add a lot of luxury at very little cost. Almost any family can afford it.

Parties won't disturb sleeping youngsters when your activities room has a noise-absorbing Cushiontone ceiling. The sounds of laughter, music, and dancing feet are all pleasantly subdued. You'll like Cushiontone's informal Full Random styling, too. Cushiontone requires no more care than a painted plaster ceiling.

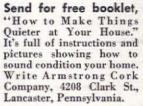
For as little as \$25 you can have a beautiful new 10' x 12' ceiling and hush noise, too





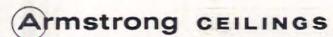


It's easy to install Armstrong Cushiontone by stapling, nailing, or cementing. A new tongue-and-groove joint on Cushiontone hides staples or nails and helps level each tile. New T&G Cushiontone comes in both 12" x 12" and 12" x 24" tiles. Square-edge Cushiontone is available in 12" x 12" only. Whether you do-it-yourself or want a professional job, see your Building Products Dealer for helpful advice and materials. He'll be glad to help you plan your job.





See this room in full color on the inside back cover.



including Cushiontone® and Temlok® Tile

. . . to quiet and beautify your home

AROUND-THE-WORLD SHOPPERS CLUB



To demonstrate the unique thrill of receiving beautiful and exotic gifts from foreign lands at less than half their U.S. value, we invite you to accept FREE this fascinating Salad Set from Kenya Colony, Africa. The set is an exquisite example of native art—delicately hand carved from rich grained tropic woods. The statuesque figures on each piece are adorned with authentic native wire "neck-laces"! As a passenger on our magic carpet you will receive a surprise gift each month from a different foreign land. Your gifts come direct to your home postpaid and duty free in packages decorated with exotic foreign stamps. Each gift is guaranteed to be worth twice and more what you pay. Futhermore, you may cancel after receiving your Salad Set or at any future time. Mail the coupon now while this beautiful handmade African Salad Set is being offered FREE!

AROUND-THE-WORLD SHOPPERS CLUB

71 Concord St., Newark 5, N. J.
Around-the-World Shoppers Club, Dept. 419-T 71 Concord St., Newark 5, N. J. Please enroil me as a member and send me the African Salad Set FREE for join- ing for the term checked below, for which I enclose remittance.
☐ 2 months, \$5.00 ☐ 6 months, \$12.00 ☐ 4 months, \$9.00 ☐ 12 months, \$22.00
Name
Address
City & Zone State
☐ Check here if you have ever been a member. (NOTE: The U.S. Post Office Dept. charges a service fee of 15c for delivering foreign packages, which is collected by your postman.)
CANADA: 2 mos., \$5.50; 4 mos., \$10.50; 6 mos., \$14.00; 12 mos., \$26.00. Delivered to your home without payment of additional duty or postage. Address: 77 Vitre St. West,

In this Issue

he key to home improvement is pride—pride in self, in family, in home, in community—the sort of pride Mr. Webster defines as "a reasonable delight in one's position, achievements, possessions." To those who have, or desire to have, such a "reasonable delight" in their homes, this issue on remodeling is fondly-and encouragingly-dedicated.

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THE AMERICAN HOME, August, 1955. Vol. LIV, No. 3. Published monthly by The American Home Magazine Corporation, 444 Madison Ave., New York 22, N. Y. W. H. Eaton, Chairman of the Board-Treasurer; Jean Austin, President-Secretary; Warren C. Agry, Herman Bartel, Theodore F. Gloisten, Marion M. Mayer, Arthur Sherrill, James M. Wiley, Foster Willett, Vice-Presidents, Executive, Editorial and Advertising headquarters, 444 Madison Avenue, New York 22, Subscription Department, American Home Building, Forest Hills, New York. Copyright, 1955, by The American Home Magazine Corporation. All rights reserved. Title registered in U. S. Patent Office. Subscription price in United States, Canada, and Pan American countries \$5.00 a year; 2 years, \$5.00; 3 years, \$6.00. All other countries, add \$1.00 per year for extra postage. Entered as second-class matter December 31, 1935, at the post office at New York, N. Y., under the Act of Congress, March 3, 1879. POSTMASTER: Send notices by Form 3579 to American Home Bldg., Forest Hills 75, New York.

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Where Credit Is Due

AN AMAZING OFFER TO HELP YOU MAKE SPARE TIME MON



FOLKS SAY "WE'RE THRILLED"

"Have been selling your cards for so long that I feel I c:n call you a Friend. I think that you have the nicest cards. My customers say that I have the best ones of any they have seen."

—Mrs. W.T., No. Chelmsford, Mass.

"I sold all my Christmas Cards fast and very well. Everyone liked them and told their friends about them. I had never sold cards before and I didn't realize how easy it was."

—Mrs. J. C., Upper Marlbore, Md.

"I am most highly pleased with my dealings with Chilton in every way. My business has been overwhelming. I fell in love with the cards myself, and that made them easy to sell."—E. G., Kosciusko, Miss.

"My orders totalled over \$350.00 in 1954 and this is my 14th year dealing with you."—E. W., Orlando, Fla.

"I have never attempted to sell any line of cards before and it is such fun and I am so thrilled at the success I have made of it in such a short time. The cards are so beautiful and so inexpensive."

—Mrs. D. E. S., State College, Pa.

Your cards are beautiful. They sell themselves."
—Mrs. F. McC., Esmond, III.

"The cards are the easiest to sell.
All my friends have to do is look at
them and then they buy."

—J. M., Sparks Hill, III.

"I think the cards this year are beautiful, and so do my friends."

—B. C., Paterson, N. J.

EARN \$2.00 AT ONCE—AND FIND OUT HOW THOUSANDS MAKE \$50 AND MORE IN SPARE TIME BY SHOWING CHILTON GREETINGS TO FRIENDS AND NEIGHBORS

ERE's the easiest and most pleasant way in the world to make the extra money you want! These 3 beautiful boxes of Chilton Christmas Cards start you off with a GUARANTEED PROFIT ... for you must make money just by showing these cards to friends and neighbors, or you may return the cards.

When you see these colorful Christmas when you see these colorful Christmas cards you'll understand why people are so eager to buy them. Here are richly beautiful designs, handsome papers, gleaming foils, clever folds and cutouts, as well as latest fashion LONG and SLIM cards, and many others. many others . . . each assortment an eyefilling, money-saving value.

Hundreds of folks right in your neighborhood will thank you for introducing them to these lovely Christmas cards. That's why we want to send you these 3 introductory boxes now...to prove what a warm, friendly experience it is to show Chilton cards. You'll earn \$10, \$20, \$50 and more, quickly

and easily, taking orders for Christmas and Everyday Assortments, Gift Wrappings, Stationery, and Gift Items. No experience needed . . . our money-making guides explain everything.

FREE TRIAL OFFER-YOUR PROFITS GUARANTEED

Send no money, pay nothing when the sample boxes arrive. Just examine the cards and give your friends and neighbors an opportunity to order them from you. You are sure to get im-

mediate orders for many more boxes and thereby become an boxes and thereby become an active Chilton Dealer. As an active Chilton Dealer, you pay only \$1 for these 3 boxes plus mailing cost. You don't risk a penny! If you decide not to become a Chilton Dealer, just return the cards and owe nothing. Or keep them for your own use at the retail price. Limited offer—only one to a family or household. Mail coupon now!

Sells for \$1.25 the box.

Prize Assortment
21 different cards, each
full of beauty, friendliness,
warmth and good cheer...
a wonderful variety for
everyone on your list. Colorful! Imaginative! Sells for
\$1.00 the box. CHILTON GREETINGS CO. Dept. AH-8 76 Atherton St., Boston 30, Mass.

1812 Roscoe St., Chicago 13, III. Please send me the three boxes of Chilton Greetings described above. I pay nothing now or when the cards arrive. I understand that the special introductory price to active dealers is \$1 plus mailing cost and that if I do not sell I may return them without obligation.

Thru-Vue Greetings

Thru-Vue Greetings
You've never seen anything
like this gay assortment
with the startling "SeeThru" effect! Printed on
"glass" . . they "float-inair"! Dramatie! Different!
Sells for \$1.25 the box.

If you would like to raise funds for an organiza-tion, please check here.

Chilton 76 Atherton St., Boston 30, Mass. 1812 Roscoe St., Chicago 13, III.





Will Rogers in a Pink Shirt

When he joined our staff as Building Editor some years back, we all thought we had a pretty accurate mental picture of Hubbard Cobb, one of the first men to enjoy a national reputation as a do-it-yourself expert. Surely Handyman Cobb, author of how-to books that sold like Gone with the Wind, would be a spry oldster with hayseed in his hair. So Hub showed up crew cut, pink-shirted in a Brooks Brothers' suit—and he has been inspiring similarly-attired businessmen to home handy-work ever since.

In this issue, you'll find his mark on articles about heating, wiring, plumbing, home-finance—and the influence of his ideas is reflected in every remodeling story. Keeping home-owners posted about everything from adhesives to zoning has him hopping all over the map. On Monday, he may be in Washington, D.C., to get the low-down on new regulations; by Tuesday, he's at a lumber convention in Washington State. At home Thursday night, he'll work on a radiant-heated doghouse; and by Saturday, he'll be out in the country rebuilding still another old farmhouse.

How did he get that way? Hub thinks its environment—the result of unhappy boyhood winters in New York, and glorious summers on a farm near Westport, Connecticut—back in the days before copywriters drove the cows out of Westport. Heredity, too, may have something to do with Hub's capacities, for his father, Frank Cobb, was one of the great newspaper editors of his era, and his mother, Margaret Ayer, had full careers as a beauty expert and concert singer before she got around to having Hub!

FEATURE

DELUXE 21 stunning assorted Christmas cards of every type, color and taste

CHRISTMAS ASSORTMENT

Luxurious parchment paper used throughout. Outstanding cards in lov designs

SLIM CARD CHRISTMAS ASSORTMENT Latest rage! smart new, slim styling – beautiful!

CHRISTMAS GIFT WRAP ENSEMBLE

20 large deluxe sheets all 20"x30"— gay Christmas colors with colors with matching seals and tags

TALL CARD CHRISTMAS FUN BOX

An amazina assortment of pop-outs, clever designs in the new slim style — terrific!

BIBLE TEXT CHRISTMAS ASSORTMENT 21 inspiring religious cards with Bible

CHRISTMAS BOOK

Animated Animated toy, story and paint book in full color. Includes jet glider plane, magnet and other real to DO YOU NEED EXTRA

MONEY?

for selling only 50 boxes of our

300 Christmas card line. And this can be done in a single day. Free samples. Other leading boxes on approval.

Mail coupon below today.

It costs you nothing to try.

Last year some folks made \$250-\$500 -\$1,000 and more this very way. Church groups and organizations can do this, too. No experience necessary.

21 beautiful for every occasion, with a selection of pastel envelopes HUMOROUS

EVERYDAY BOX

Fun for all. A laugh in every card - fascinating!

TALL

TALL CARD OCCASION An

assortment of radiant eauty in the fashionable, slim design

EVERYDAY GIFT WRAP ENSEMBLE 20 large
sheets,
all 20"x30"
in bright
colors for
year 'round
gift needs.
atching seals
and tags

CHEERY Captions in bright pink & blue – chic!

BLOSSOM STATIONERY AND NOTES Fine white paper, ecorated in fainty pink and gold— scalloped

Guaranteed by Good Housekeeping



TALL LUSTRE CHRISTMAS BOX An assortment of natural color, glossy photo cards in the

LUSTRE

inceti

VELVET ANGELS CHRISTMAS ASSORTMENT Heart-warming cards featuring the cutest little angels ever see

CHEERFUL CARD COMPANY, Dept. 166, White Plains, New York

Mail This Coupon Today CHEERFUL CARD COMPANY

Dept. 166, White Plains, New York Please rush samples and full details of your easy money-making plan.

Hasty Notes

ime

Name Address

State. If writing for an organization, give its name.

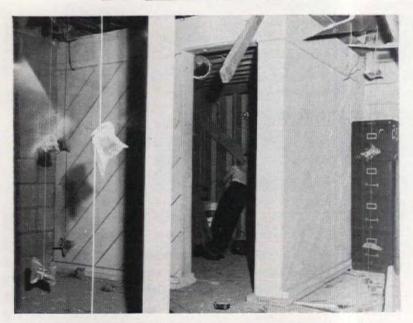
............



CAN YOU SURVIVE THIS?



YES!



At top of page, a two-story brick house lit by the blast, hit by the shock wave, and finally, in a heap on its site. Yet, when I went through the ruins the next morning, I saw this shelter in a corner of its basement. A rescue crew might not get to you for several days, but shelter could be provisioned for more than minimum survival. All home shelters tested withstood the blast





Yucca Flats, Nevada—An atom bomb is about to be detonated. I was here as Press; I was interviewed and made a pleasant fuss over. I was an I. P.—that is, a not-really-but-just-sorta Important Person. But with the dawn in this valley where the giant mushrooms grow, I am a V. I. P.—that is, a wife and mother—and those are very important people. My mind is full of what I've seen and read—and I am appalled. Not at the atom bomb. No—at me. Appalled at what a risk I was running by my indifference, what vast amounts of misinformation I had sloppily let accrue in my mind. Even as you. This is my sincere plea to you all to re-examine yourselves, even as I—and learn to survive.

Jotted down here are some of the questions I've been asked. You cannot afford NOT to read this and take it to heart. If you've other questions, we'll be glad to try to answer them.

JEANNIE WILLIS

.......

Q. Do you mean to imply that, if you had been in the house shown above, you could have lived through an atom bomb explosion?

A. Yes. If you had been in a shelter in the basement of this house, located less than one mile from ground zero, you would have survived.

O. How about all of us who live in homes without basements?

A. In the same test, at the same distance from the bomb site, was a reinforced bathroom on the first floor of a home without a cellar. Here, too, you would have survived.

Q. Why don't all these Civil Defense and Atomic Energy people get together and tell us the same things to do in the event of an attack, instead of all of them giving different instructions?

A. Firstly, it isn't they who are confused! It is sort of like not reading the instructions on labels, then complaining when the product doesn't work. Come on, now, admit it. You CONTINUED ON PAGE 116

Now! AIRFOAM furniture cushions

any size-any shape-



MADE-TO-YOUR-MEASURE through convenient stores!

DOES YOUR FAVORITE ARMCHAIR have a beat-down seat cushion? And your faithful sofa—do its cushions look so-o-o tired? Wouldn't you like to revive them, beautify them, "comfortize" them? Wouldn't you like to do it quickly, economically—and with AIRFOAM?

It's really quite easy:

Goodyear, only maker of genuine AIRFOAM, has set up an amazingly simple plan that enables you to get precisely the size and shape AIRFOAM cushions you need—at a convenient nearby store—and without waste, fuss, disappointment or bother.

Just do this:

1. Print your name and address on coupon below and mail to Goodyear, Box 48, Akron, Ohio.



THE WORLD'S FINEST, MOST MODERN CUSHIONING

Airfoam - T. M. The Goodyear Tire & Rubber Company, Akron, Ohio

We think you'll like THE GOODYEAR TELEVISION PLAYHOUSE - every other Sunday - NBC TV Network

2. You will receive-ABSOLUTELY FREE-





List of stores in your vicinity that have AIRFOAM Do-it-Yourself Centers

- 3. Go to any store listed and they will give you ABSOLUTELY FREE—the new, ingenious, AIRFOAM Cushion Pattern Form. By following its step-by-step pictures and simple hints, you can easily make your own "professional" pattern right on the AIRFOAM Pattern Form!
- 4. Take this pattern to the store and—without obligating you in any way—they will quote the price of AIRFOAM cushions made up in that size and shape.

But do it now. Thousands will avail themselves of this opportunity—and first come will be first to make their furniture lovely to live with again!

GOODYEAR, B	OX 48, AKRON	, OHIO. Pleas	e send me	FREE	AIRFOAN
	t Folders and I				supplying
AIRFOAM cus	shions-to-my-m	neasure. There	is no obliga	ation.	

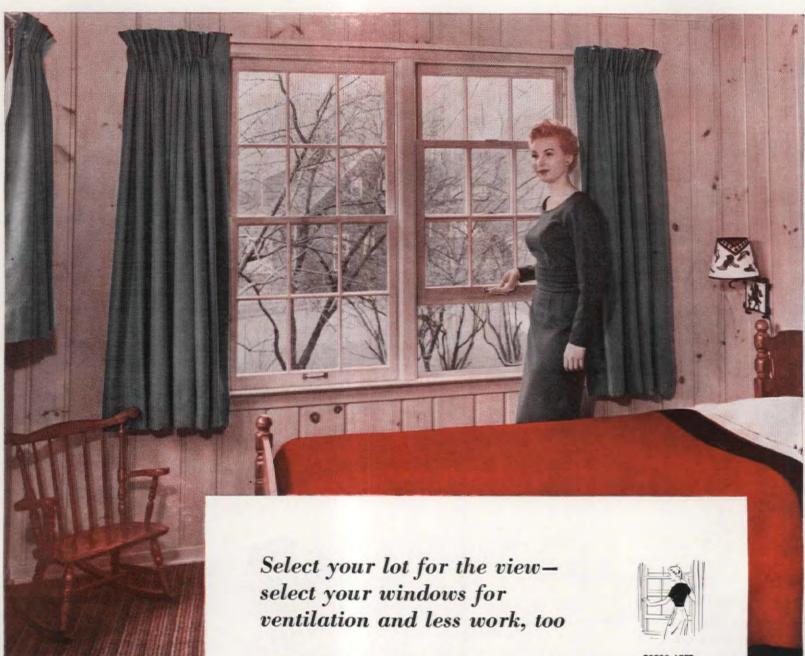
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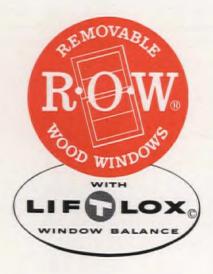
ADDRESS

CITY OR P.O. STATE

THE AMERICAN HOME, AUGUST, 1955

Let's Be Practical





ALL WOOD WINDOWS blend in color and texture with your decorations and home furnishings. They are warm because wood is a natural *insulator*. Unlike metal, it does not *conduct* heat or cold. Condensation does not form on wood. It does not oxidize, corrode or rust. It is easily shaped to keep windows operating when the home settles.

DOUBLE-HUNG WOOD WINDOWS are the most practical and trouble-free style—simplest and least costly to drape or curtain for privacy.

R.O.W REMOVABLE DOUBLE-HUNG WOOD WINDOWS

offer still more benefits. They're removable from inside—
give pressure-fit weather protection—are better built,
from toxic-treated wood, to look better and last longer!

R • O • W Windows lift out from inside the house for easy cleaning or painting

PRESS LEFT



LIFT OUT



WASH OR PAINTI

R.O.W SALES COMPANY, 1379 ACADEMY AVE. . FERNDALE 20, MICHIGAN



What We Started!

BERSERK WITH A BASKET?

Just read your article, "Mayhem in the Supermarket." And as always, there are two sides to every question. This author—with her neatly typed list and her food wagon packed as if she were going via airlines to a foreign resort—must be one of those too, too efficient housewives we run into every day. It isn't all as she has pictured. I love the chit-chat, the nice friendly smiles, and the questions such as: Have you tried this new product? And how do you season your stew? After the dish washing, ironing, and other household tasks, isn't it glorious that one job brings so much excitement and contact with the outside world?

It's these gals that rush in, thinking, "I wish I had an individual dispensary somewhere that would give out the necessary

potatoes and onions without my having to contact these wards from a lunatic asylum" that makes grocery shopping so unbearable.

—Mrs. Helen Asher No, Mrs. Ahearn, I won't be a bit surprised to hear you've gone berserk in your supermarket. You sound like a person who, with a frown on her face, determinedly sets out to shop and let no one dare cross her path. While week-end shopping isn't exactly a pleasure cruise, it can be pleasant enough if you let it. For cen-

turies, the high spot for many housewives has been the market place or general store.

I consider it an experience for my five children to see the long rows of fresh fruits and vegetables. Yes, maybe even handle a thing or two. They like to pick the cookies or cereal they want. Do your children run wild in the stores? Mine don't. We've always had curious, lively youngsters in this land, and I guess they're here to stay. The markets themselves realize it, and provide small carts, low seats, and drinking fountains.

My advice to you, Mrs. Ahearn, is to relax a little, ask someone politely to move her cart if it is in your way—I'm sure she'll smile, say "Pardon me," and move it. Who knows, it might even be me!

—DOROTHY KENNELLY

MRS. AHEARN, I LOVE YOU!

I'm a man who shops once a week—lots of us do—the ladies stay home with the kids. Shopping is more normal that way, and saves wear and tear on everyone—especially the market. Sure I have a list—it saves time and duplication.

I'm a friendly guy, but once-a-week shopping is a chore, and those living-room socials don't help to make it any easier. It's bad enough dodging clerks with cartons stacked 8 deep and 4 wide—but then you round the aisle, find it closed (2 carts, 4 kids, half-empty box of cookies, 9 baby food jars—mostly broken). Sure I could ask the gals to move, but their little home economics course has them so engrossed that they are showing each other a new product two aisles away.

We're a busy family—trying to get the most out of our leisure time together—so please, just *shop* next Saturday. You'll make me very happy. 'Bye—see you next week. —B. L.



How We Retired in 15 Years with \$250 a Month

"Strange, I remember it so clearly—and more than 15 years seem just a short while ago. Yet it's only thanks to what happened Christmas afternoon in 1938 that we're living in California today, with our income guaranteed for life.

"That holiday afternoon we'd invited some people in, and as we waited, Dot and I sat by the living room fire reading. Christmas always made me kind of stop and take stock, I guess. And this year I was turning forty-five. I'm not getting any younger, I thought, as I leafed through a copy of a magazine.

"For years we'd cherished a favorite dream, Dot and I. Someday I was going to retire. We'd sell the house and move to southern California. Get just a little place where we'd be out in the sun all year.

"But we'd stopped talking about it lately. For we hadn't banked much money. At almost forty-five, nearly half my working life was behind me. So I began to wonder that afternoon . . . must I just live and work and die . . . doing the same thing every day?

"It was what I was thinking, I suppose, that made me notice the page that said, 'You don't have to be rich to retire on an income.' There was, it said, a way for a salaried man to get a lifetime income and retire. The Plan was called the

Phoenix Mutual Retirement Income Plan. With it, I could get a guaranteed income of \$250 a month beginning when I reached 60. To do it, I needed only one thing—fifteen or twenty good earning years ahead. I cut out the coupon.

"Soon my mail brought a booklet telling about Phoenix Mutual Plans. I found one just right for me.

"Looking back, 1938 seems like yesterday. We saw hard times come and go. Again and again I was thankful we started our Phoenix Mutual Plan.

"Well, Christmas 1953 rolled around—and we had a party. I was almost sixty and set to retire. Soon after, my first Phoenix Mutual check for \$250 arrived. We got a good price forourhouse, and drove to California.

"We found just the little house here we had dreamed of. And month after month the postman hands us our paycheck. We're financially independent, and will be, for life."

Send for Free Booklet.

This story is typical. Assuming you begin at a young enough age, you can plan to have an income of \$100 to \$250 a month or more—starting at age 55, 60, 65 or older. Send the coupon and receive, by mail and without charge, a booklet which tells about Phoenix Mutual Plans. Similar plans are available for women.

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Please mail me, without cost or obligation, your illustrated booklet "Retirement Income Plans for Women."

Name______

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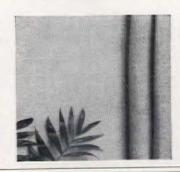
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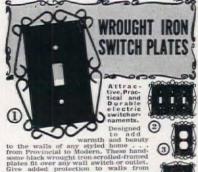


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"L-O-V-E My Flea-Scat-Pad!"

"It's wonderful—kills fleas and doggy odor while I snooze. I love its cedar aroma, its billowy comfort." No more smelling up the house. Protects children. Ends all struggles with messy powders, sprays. Stops scratching. Pets prefer Flea-Scat-Pad and stay off chairs, sofas. Pleasant in any room. Economical, long-lasting. Regular size, 15x28 in. \$3.49. Super Size, 28x36 in. \$4.98. Special for Cots—just as comfortable and effective. 14x18 in. \$2.49. Send No Money—Order C.O.D., (or send check and we pay postage). Money-Back Guarantee. Sudbury Laboratory, Box 154, South Sudbury, Mass.







HEINLEY'S Indoor Movable Shutters add charm to any window or door—bring joy to any room. Simple to install, inexpensive. Quick delivery to any part of U.S. Get the best when you buy. Send 25¢ for illustrated booklets containing dozens of decorating ideas.

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For the first time those clever WARNER BROS. cartoon characters are available for your play room, den and youngster's nursery walls. Bugs Bunny, Tweety and Sylvester, Yosemite Sam, Elmer Fudd, Sniffles, Daffy Duck, and of course, Porky Pig. . all 8 in gay colers just as you see them on the screen. Up to 18° tail, plus 16 smaller versions for scrapbooks, furniture, etc. Package includes adhesive: instructions and ideas for mounting; AND for a limited time, 6 bedtime stories. Mail your order today for full pkg. 24 characters and stories—\$3.98 Ppd. Money-Back Guar. Please no C.O.D.'s.

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If you just can't reduce and have tried dieting, pills and tablets—try relaxing, southing SPOT-REDUCER. a massager that's tested, and has U.L. approval. Lose weight where it shows most! The relaxing southing massage helps break down FATTY TIS. SUES, helps tone the muscles and flesh, and the increased awak. ened blood circulation helps carry away waste fal—helps you regain and keep a firmer and more graceful figure. When you use the SPOT REDUCER, it's almost like having your own private masseur at home. It's fun reducing this way! Lose pounds and inches nuickly, easily, safely without risking health. For aches and pains due oversereise. Also used as an aid in the relief of pains for which massage is indicated. Sold on MONEY BACK GUARANTEE! Reduce or NO CHARGE! (FIRMS FLABBY TISSUE!)
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STANDARD MODEL only \$9.98

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318 MarketStreet, Dept. B-971, Newark, New Jersey

PAUL REVERE LANTERN. An authentic copy of the signal lanterns of "the 18th of April in '75" makes the best looking light for your doorway you could hope to find. Whether your guests come by land or by sea, it will signal a charming welcome. All copper, painted flat black, it is 14½" long, 4½" wide, extends 6¾". \$15.50 ppd. Old Guilford Forge, Dept. AH, Guilford, Connecticut.



A HOUSE DIVIDED with Luana Wood Drape-Dividers can have a separate dining room when the occasion demands; push them back for a bigroom look. 30¢ per sq. ft., a 12' room with 8' ceiling takes an 18' length, which would be \$43.20. 1/2" or 1/4" slats are natural mahogany color. Send 25¢ for sample square. Carabao Special Prod., Dept. A16, 950 Columbus, San Francisco, Calif.



FINAL SPLASH for that remodeled bathroom is the Jonny Rack. In addition to holding a roll of tissue, it has two compartments for reading material-one for large magazines, and the other for pocket size books. Decorative black wrought metal, it is 9" high, 12" wide, and 6" deep. \$2.95 plus 25¢ postage. Laurie & Company, Dept. AH, 507 Fifth Avenue, New York 17, New York.



EXTENSION COURSE. Cord'-N-Reel is a heavy duty UL-approved rubber-covered extension cord on a handy reel with an electric outlet built into the hub, so you don't have to unwind the entire cord when you plug in. Ideal for mobile appliances indoors or out. 7 amp. capacity 25' cord, \$3.95; 50' cord, \$5.95. 10 amp. 50' cord, \$7.95. Ppd. House of Ideas, 1309 State St., Racine, Wisc.



NO TOOLING AROUND. A little odd job can be quite a problem without the proper tool at hand. Here's a little kit that would be wonderful to keep in the kitchen. A box opener and tack lifter; awl and ice pick; star screwdriver; screwdriver; hacksaw; kitchen saw; all fit into handle which doubles as wrench. \$1.98 ppd. Better Values, Dept. 855, 318 Market St., Newark, N. J.



TAKE A GOOD LOOK at a few of your top drawers and then send quickly for a Divide-A-Drawer-Kit for each one that doesn't pass inspection to bring order out of chaos. Four 23" luana wood strips, 12 slotted blocks, and glue combine to make your own arrangement. Perfect for a jewelry or cosmetic drawer! \$1 ppd. Sunset House, 71 Sunset Building, Hollywood 46, California.



Would your family inherit a home or an unpaid mortgage?

New York Life's low-cost

Mortgage Protection Plan provides cash
to keep your home in the family!



Every man likes to think his home will endure—a haven for his family through the years. One way he can be sure is to guarantee immediate funds available for full payment of the mortgage remaining on his home if he should die. That way, his family will never be forced to sell at a loss or move to a less desirable location. And that's why New York Life designed its popular Mortgage Protection Plan.

Under this plan you buy a Term Insurance Policy for the amount of your mortgage. It is issued for a period of 15, 20, 25 or 30 years—depending on the length of your mortgage and on your age. The amount of the policy decreases each year—and as your mortgage is amortized would be sufficient to pay off the unpaid balance.

New York Life's Mortgage Protection Plan costs a small amount in comparison to the payments on your mortgage. It assures your family of the most comforting kind of security—a debt-free home! Ask your New York Life agent today.

Here's how New York Life's Mortgage Protection Plan works:

If at age 30, you have a 20-year mortgage for \$10,000 on your home and you buy a \$10,000 decreasing Mortgage Protection Term Policy with a 20-year period, your annual premium would be \$65.40—which amounts to little more than \$5 a month. After the second year any dividends could be used to reduce these premium payments. If you died the first year, your wife would receive the full \$10,000. If you died later and mortgage payments had been kept up to date, she would receive an amount at least sufficient to pay off the unpaid balance. During the last 5 years, the amount remains constant at \$3,500. After 20 years the policy terminates without value.

An alternate plan for mortgage protection combines term with permanent life insurance. While premiums are higher, this plan builds cash values which can be used later toward your own retirement. Or you can retain life insurance protection after you have paid off your mortgage.

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Please send me more information on your Mortgage Protection Plan.

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Which paint is best for the surface to be protected?

Take masonry, for instance. You could use the most expensive paint in the most attractive color by the most reputable manufacturer and have it fail prematurely. That's because of alkalies and moisture present in all masonry which can destroy conventional paint in a few short months.

Masonry surfaces require a special paint—one of proved resistance to alkalies, moisture and weather—one based on PLIOLITE S-5—the synthetic rubber resin. Almost ten years' use has fully proved easy-applying, fast-drying paints made with PLIOLITE S-5 last up to 20 times longer on all types of masonry. See your dealer for details. Or write for the free booklet, "Paint Magic," to: Goodyear, Chemical Division, Dept. H-9446. Akron 16, Ohio.

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in paints for brick, stucco, concrete, block or asbestos-cement shingles is the PLIOLITE S-5 seal.

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Antiques

Antiques

Are My Business

Do you know a good antique when you see one?

s a dealer and auctioneer, I sometimes wonder if a lot of you folks can't judge the value of any passing car far better than your own furnishings. Once you know the car's make and year, and have an idea of its condition and performance, you can guess pretty accurately what it's worth. But as household possessions either depreciate rapidly or increase in value, there's usually a big surprise in store whenever you want to sell them. People discover too late that what they threw out as trash could now be fetching a pretty penny! In general, you can appraise antiques like cars, using similar criteria. First, is the antique useful, either for its original purpose, or in a modern adaptation, or as decoration? That's performance. Then, is its appearance attractive, and is it well preserved, so that a complete restoration will be relatively inexpensive? That's condition. To determine make and year, here's how to proceed:

In antiques, dates are only approximate, a generation or even half-century being the unit of time, and circa (Latin for "about") is one of the appraiser's favorite words. Legally, as far as import duties are concerned, an antique is an article handmade before 1830. But in general usage, it is anything now in fashion that originated before the cast-offs of the preceding generation.

When determining the age of a piece of furniture, look first for the joinings to decide if it was made by hand with mortised joints, or if it was doweled by machine. The handmade probably antedates 1830, and the machine-made piece was surely constructed after that date. Also try to find a nick indicating what wood was used, for hardwoods usually went with the finest craftsmanship. Other clues are the design, height, and size of the piece, all of which changed with succeeding periods.

The earliest American pieces are solid, square Jacobean of oak (circa 1640-1690) with some walnut used from 1660 to 1720. But the 18th century is the finest Colonial, with mahogany lowboys, highboys, tables, chairs—the familiar ball and claw

foot, scroll and lyre designs. and slat-backs. Satinwood inlay, fruit woods, and fine light maple were prevalent toward the end of this era, the time when Chippendale, Hepplewhite, and Sheraton were working in England and influencing American design, and when Phyfe was working over here.

Gilt, lacquer, and giant proportions betoken the Empire period (1800-1840) popularized by tiny Napoleon, followed closely by a Greek revival of classic design. A shift to fragile furniture, mahogany with dainty floral carvings, began the Victorian era.

A BARGAIN BUSINESS

Late Victorian and early 20th century remain on the bargain list, but despite poor designing and relatively recent manufacture, some pieces are worth salvaging. A substantial Victorian bureau can be cut down to a contemporary chest and, used with caution, a bit of Victorian baroque can become an effective foil for streamlined Modern. Now is the time for marble tops, and many a stunning bar began as a humble washstand, while its matching bureau proudly serves as the dining room buffet. Cutglass, perfected in the 1890's, and high priced then, is making a comeback, though rarely commanding its original price. Milk glass, however, which in the old days was often a give-away with tea purchases, is now a collector's item!

PRECIOUS PRIMITIVES

Everywhere we see a current fancy for primitives, furniture fashioned at home by sea captains, farmers, and pioneers out of the familiar pine, maple, and cherry they saw around them. From farm kitchens come the cupboards, dry sinks, benches, stools, ladder-back chairs, chests, and tables which today are worth many times their original value. With them go the old oil lamps, coffee grinders, and kettles to be wired as lamp bases; old lanterns, bird cages, and so on to be filled with plants. Anyone who has these to sell certainly should do so while their stock is high.

CONTINUED ON PAGE 20



"Window test" proves blue Cheer washes so white you can see the difference!

because only Cheer has the Blue-Magic whitener!

Cheer's Blue-Magic whitener is not just a bluing ... it's more than a bluing ... it's a new, better whitener for all your wash.

One look tells you . . . blue Cheer brings a new whiteness to your wash. And this simple yet dramatic "window test" proves it.

Just take some Cheer-washed clothes to your window. In that revealing light (or even on a gray day), you'll see a startling new whiteness in all your wash. And on hardest-to-whiten things like

never possible before Cheer.

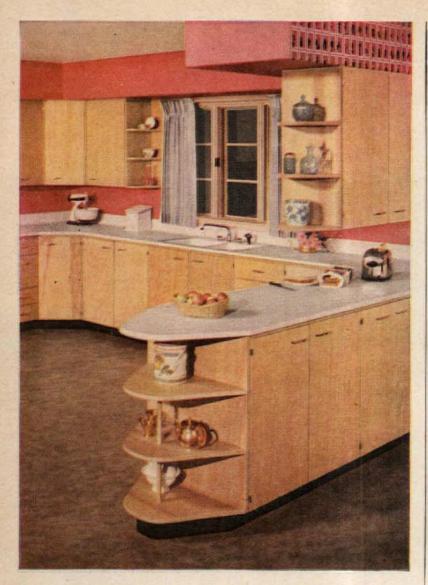
What's more, blue Cheer washes dirtiest work and play clothes crisply clean, adds new brightness to colored washables, too. And you really know Cheer's in a class by itself when you see the difference in whiteness Cheer gives you.

TRY CHEER in your automatic washer. Remember that blue Cheer has the active, hard-working kind of suds recommended by leading makers of automatics and preferred by 8 out of 10 women

whitener!

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The modern suds for modern automatics



For style that lasts a lifetime ... Curtis charming birch cabinets

The warmth and friendliness of wood...the soft, mellow glow of natural birch...style and beauty that last a lifetime. You get them all when you choose a Curtis kitchen.

Here are cabinets with a difference. Each is the product of superb craftsmanship, made like fine furniture. And each is woman-designed to bring you the 53 features women want most.

Utility? You'll find a whole new world of it in these ready-toinstall cabinets...special features like slide-out bins and trays, swing and revolving shelves, "pass-through" units. Year after year, you'll appreciate the *thoughtfulness* that went into these fine Curtis cabinets...the way they lighten kitchen tasks.

Before you build or remodel, see your lumber or building materials dealer about a Curtis kitchen—and send now for our colorful kitchen idea booklet.

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Address

City......Zone....State.....

Antiques Are My Business

(Begins on page 18)

THE PAY-OFF

Antique appraising is a hobby that often pays for itself. As you drive from place to place, you may find articles priced low in one vicinity, but all the rage in another. Buying bargains for quick resale pays for your time and gasoline, besides contributing funds toward the choice pieces you may want to add to your own collection.

Sometimes the practiced eye of an amateur can ferret a prize from under the nose of a professional dealer. "That table just sends me!" sighed the young woman, shelling out ten dollars of the weekly pay check for a beat-up old table at a roadside stand, "Its lines are so beautiful I bet it was a fine piece once." She won her bet all right, for when the paint was scraped away there stood a rare Maryland hunt table worth upwards of \$1,000!

So the first step for the would-be student or collector is to train his eve and tone his mind to the finest authentic pieces. All over the country, more and more historic homes are being turned over to the states as national shrines. Some of the great museums, too, house beautifully arranged collections of American antiques. In the East be sure to visit Boston's Museum of Fine Arts; New York's Metropolitan and Brooklyn Museums; Philadelphia's Pennsylvania Museum of Art and Fairmount Park Houses: Baltimore's Peabody Museum; as well as the unusual collections displayed at Winterthur, near Wilmington, Delaware, and the magnificent restoration of Williamsburg. Va. In addition, there are hundreds of private homes from Mississippi to Maine that are open to the public during Garden Week.

When traveling, start by spending an hour or so studying what particularly interests you. Don't try to see

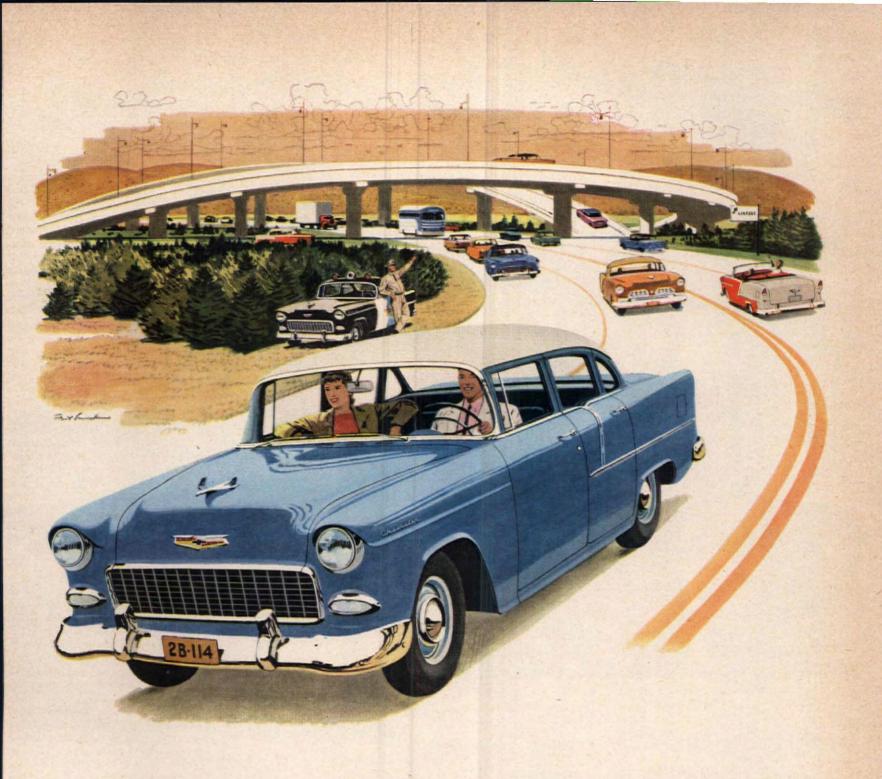
everything, or you'll only remember how your feet hurt. Soon you'll find yourself becoming familiar with the degree of antiquity in many other objects. When your eye is trained to the soft grayness that gives patina to old glass, you will discover that you can perceive the same relative differences in china or silverware. Usually, you don't need to go far to put your gleanings to work. When visiting friends who collect antiques, ask them to let you feel old glass and china so that you can examine the "frit" (smoothness of glaze) and rub the cut. Observe how porcelain is translucent when you hold it up to the light, and how crystal rings true at the flip of a finger nail.

In antiques, we probably feel the pulse of supply and demand almost more than in any other business. Frequenting antique shops and auctions is the best way to see what is wanted, and for what price. Here you'll learn to discount detrimental paint that can be removed, cheap hardware that can be replaced, and worn fabric. But beware a chip in porcelain, a brush hair on handpainted china, a crack in glass, or a real break in furniture. Notice bottle and cruet tops-they should fit and be original mates. Old mirrors should have old frames; oil lamp bases, old glass shades. And remember sets of dishes, books, or dining-room chairs, and pairs of scones, candlesticks, or vases are more valuable together than if sold singly.

You'll find that to appreciate what you already own, to anticipate what you want to buy, and decide what you wish to sell takes time, patience, and study. But in return you gain an accurate understanding of the value of your household goods, as well as qualifying as a legatee in our national inheritance from the past—the enjoyment of American antiques!



"THIS IS WHERE WE KEEP EVERYTHING THAT WILL NEVER COME IN HANDY SOME DAY."



It's Making 55 Famous—For Fun!

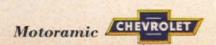
For sheer driving pleasure, Chevrolet's stealing the thunder from the high-priced cars.

Let's be frank. Up to now, maybe there were reasons for wanting one of the higher priced cars. If you desired something really special in the way of driving fun, you simply had to pay a premium to get it. Usually, a big one!

But that's not true any more! The Motoramic Chevrolet is taking the play away from the high-priced cars with pure excitement on wheels!

Chevrolet's new "Turbo-Fire V8" puts a heaping hoodful of fun under your foot — 162 h.p.! (Special to adventure lovers: 180 h.p. "Super Turbo-Fire V8" is optional at extra cost.) You can also choose from the two hottest, highest powered 6's in the low-price field. As for drives, just name it. Chevrolet offers new Overdrive, super-smooth Powerglide (extra-cost options) and a new and finer Synchro-Mesh transmission that's as smooth as they come.

Find out how the Motoramic Chevrolet puts new fun in your driving life! Take the key at your Chevrolet dealer's — and you'll want it for keeps! . . . Chevrolet Division of General Motors, Detroit 2, Michigan.







"DUCO" COLORS: Jade Green, Crocus Yellow and Walnut Brown-all in Gloss. The red is made of 1 part Chinese Red and 3 parts Primrose Yellow.

H's Du Pont's "One-Coat Magic" Enamel and it stays like new for years!

In sparkling Gloss and velvety Semi-Gloss, DUCO is the ideal alkyd enamel for furniture, walls, woodwork in every room. Fine for kitchens, bathsor any area that gets repeated wear and washings!

It's "One-Coat Magic"! DUCO goes on easily . . . quickly transforms old surfaces, usually in just one coat! And now it's so pleasant to use-no more annoying smells while painting ... because DUCO is odorless during applica-



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tion. (*A faint resin odor may be noticed

Like-new beauty for years! Hard knocks,

grease, dirt, moisture, heat and cold-

DUCO resists them all! DUCO Gloss is

wonderful, too, for porch and outdoor

furniture. White stays white . . . colors

It costs so little to paint a room with

DUCO! Wide range of stunning colors.

See your Du Pont Paint Dealer-for his

name, see the yellow pages of your tele-

phone directory. He'll be glad to give you free literature on how to paint, help

you with your painting problems or rec-

ommend a reliable painting contractor.

FREE Color Scheme Book

during the final drying stage.)

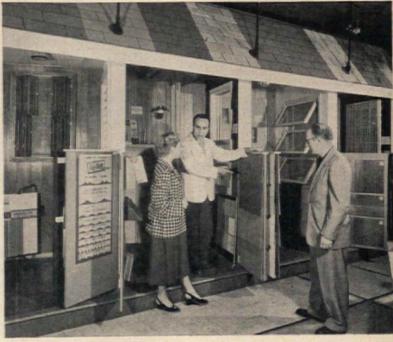
stay bright.

A complete line of paints chemically engineered to do the job better.

ADDRESS

Super Markets

For the Amateur Handyman



Klaff's House of 100,000 Ideas, Norwalk, Connecticut

JONATHAN ALEY

ook who's getting the red carpet treatment from local lumber yards these days! Not the big contractor who buys lumber and building supplies by the carload lot, or the smaller builder who buys by the truckload. The customer more and more building supply houses are out to cultivate is none other than you-the week-end builder, amateur handyman, basement cabinetmaker. Time was, not so very long ago, when lumber clerks had no time for you and your little order for "one board about so wide, so thick, and four feet long, and a handful of nails." But those days are over. Progressive lumber and hardware dealers all over the country are aware of your needs and buying power, and have altered their organizations to get your business. Some new stores, in fact, have been developed solely for the Do-It-Yourself trade.

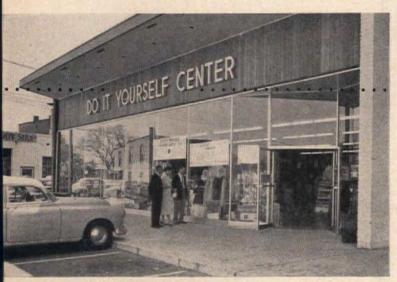
We found three such businesses within 50 miles of New York City, each different in operation, each exceptional in service, each a real pace setter. Channel Lumber, in Springfield, New Jersey, a "supermarket" lumber yard, is located on a main highway, out of town. Their large well-lighted modern building and huge parking area is open seven days a week, week-ends to

CONTINUED ON PAGE 120





Channel Lumber Co., Springfield, New Jersey



Do It Yourself Center, White Plains, New York





Klaff's House of 100,000 Ideas, Norwalk, Connecticut



Paint the walls of a room in just half a day with

Du Pont FLOW KOTE

RUBBER BASE WALL PAINT





Better Things for Better Living . . . through Chemistry

PAINTS

FLOW KOTE goes on so fast and easy with brush or roller . . . covers plaster, wallboard or wallpaper solidly . . . leaves no laps or streaks.

Dries in 30 minutes! Redecorate in the morning, have company that night! No unpleasant odor with FLOW KOTE latex rub-

Yes, in just half a day you can paint the walls of an average room! That's because

ber-base wall paint.

So easy to keep clean! FLOW KOTE is super-washable. Dirt, grease and grime wash off in a jiffy. Colors stay bright for years!

For a little over \$5.00 you can paint the walls of an average room with FLOW KOTE! See your Du Pont Paint Dealer . . . for his name, see the yellow pages of your telephone directory. He'll show you dozens of style-right colors, give you free literature on how to paint, help you with your painting problems, or recommend a reliable painting contractor.

New! Now you can match most of the glowing FLOW KOTE colors on walls and ceilings with velvety DUCO® Semi-Gloss Enamel on woodwork.

FREE Color Scheme Book

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Carnival Kenflex Vinyl floors brighten kitchens, defy grease, dirt, and wear... yet cost only \$21⁵⁰

There's new beauty, new color, for your home from basement to attic in this glowing, grease-proof vinyl floor. The rugged long wearing tiles will keep their sparkling colors fresh through hardest wear and clean like magic... even hot grease spatters, staining spills wipe up without a trace! See Carnival Kenflex plus its famous Kentile, Inc. guarantee...in 8 wonderful color variations at your Kentile Dealer's now. His name is listed under FLOORS in your Classified Telephone Directory.

†Price for average self-installed 8' x 10' floor.

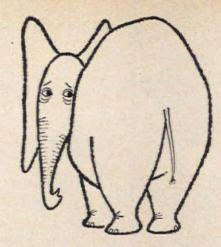


VINYL ASBESTOS TILE

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SOUVENIRS YOU CAN'T USE

HELEN MORRISON

Before you pile the children in the car and tie the luggage to the roof is the time to discipline your souvenir hunting. By gathering two sets of information now, you can put your souvenirs to work for you later on, and your family need not return laden with cute little trinkets that only add to your dusting or storage problems. Instead of mere trinkets, you will have meaningful mementos. The plan works—and here it is:

First, find out about the natural and industrial resources of the spot where you will be vacationing. That's easy to do, for the Chamber of Commerce at Lake Hokis Pokis will be eager to supply such information, handbooks of automobile associations are quite good, and you might talk to people who have been there before. Discover, in advance, everything possible about the flora, fauna, local products, regional food specialties, and so on. With such briefing you will, incidentally, have a more interesting vacation than if uninitiated—and your souvenirs will more likely reflect the characteristic peculiar to Lake Hokis Pokis and that lake alone.

Second, take a look at the family wants and needs. You might want to make a list of items that would add to family enjoyment. Something for that empty niche in the front hall? (Measurements?) Dad need a leather belt? (Are you sure of the size?) Mother need flower arrangement materials? Sue favor bracelets? Ted have his eyes on stones for a mineral collection? Now you aren't going on vacation merely to fill these wants and needs. You understand that the list is flexible—something to shoot at. Many a man's patience has been honed to a sliver in searches, on his vacation time, for a dough board just so many inches by so many inches, of such and such an age.

Of course, you'll face temptation to pick up apparently irresistible attractions, but when resolution wobbles, submit the proposed purchase sternly to one simple question: What will I do with this one month from now? Worthwhile mementos pass this test in a breeze. Gimcracks that collect dust and multiply care do not.

So find out about Lake Hokis Pokis before you take off. And find out something about yourself and your family. A touch of ingenuity . . . and voila! Not "just a souvenir," but an exotic accent in your family life.

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Please report both new and old address directly to THE AMERICAN HOME five weeks before the change is to take effect. Copies that we address to your old address will not be delivered by the Post Office, unless you pay them extra postage. Avoid this unnecessary expense by notifying us five weeks in advance.

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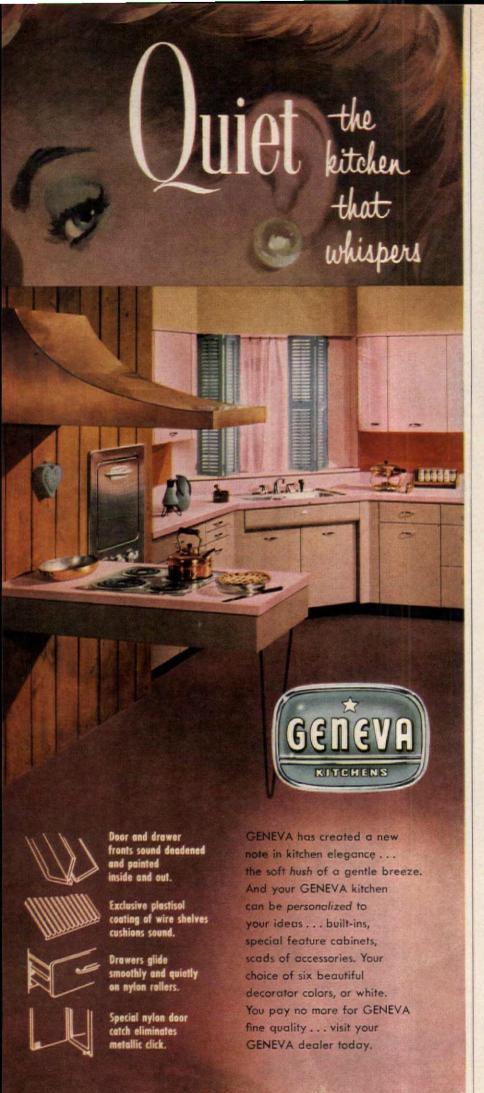
Gray? Gray is good, but gray is better when you spark it with elegant Smoke Pearl and Amethyst. Or try Gray with a flash of Lightning Pink! And so many smart Cannon patterns to choose from! Buy in ensembles, then mix and match!



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City



CURTAIN: TIME

LIBBY C. SHUTTS

A long with the children's summer vacation comes that perennial problem: how do you keep them off the streets? I've found one solution: encourage them to stage a play. The drama itself may be an anticlimax after the exciting business of writing, directing, and producing it. But the youngsters won't be down by the railroad track, or at any other taboo spot.

Our initial production was staged on our patio and my twin first-graders, Jud and Geoff, were members of the cast, headed by Don, aged nine. The "Story Conference" started off:

"Let's put up a soldier camp. I'll be the Colonel, and—come on, men, let's go." Sitting cross-legged in a camp chair, the Colonel, doubling as Director, assigned parts. My sons became Captains, along with Timmy, another first-grader. Don's sister, seven, and my Janet, five, were to be Red Cross girls who brought a snack to the tired soldiers. After making "camp," Director and cast sat down to plan the action. The agreed-upon title was "Fight, Fight, Fight" (not my favorite subject!), and, at the end of the morning, Don dictated the script to me from his notes:

ACT I. Seen opens. Men at attention.

DON (Col. Winchester): Hit the hay, men. We have a long day

CAPTAIN GEOFF: Yes, sir.

Men hit the ground around the campfire.

ACT II. Seen opens. Tim blows bugle. Men fall in and salute.
DON: Boys, you better get used to this. You will be doing it
every day. O.K., get to work. Captain Jud, help me with the
men.

JUD: I, I, Col.

Men clean up camp.

pon: A-tin-shun!

Men fall in and salute.

DON: Tomorrow is a hard day. We are going to fight the war.

How about some goodies, boys?

MEN: I. I.

26

Girls enter with milk and cookies.

JULIE: Here are your K-rations, boys.

COL.: Let's eat.

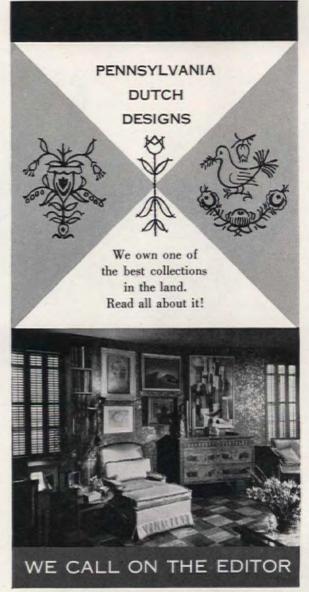
THE END

The script completed, the cast evaluated our patio's seating capacity, printed tickets on scraps of note paper, and spent CONTINUED ON PAGE 129





SEPTEMBER



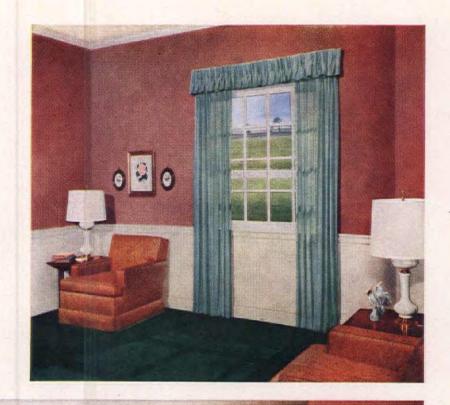
Come with us to the apartment where our Editor lives, writes, and cooks very Good Victuals. High above Manhattan, its windows are so treated that the river which seems to flow right into this room is very much a part of the décor.



The room's the same-but

Pittsburgh Glass

makes the difference!



Look at these two illustrations. They're identical, except for just one thing: a big, exciting picture window has replaced the small, inadequate window.

And what a world of difference this change has made!

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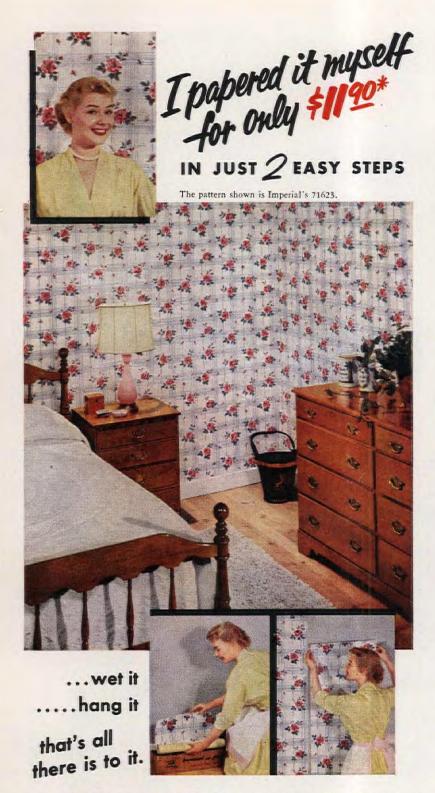
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THIS'LL DELIGHT YOU



MRS. LOYD ADCOCK

Whether or not you can say the time-honored tongue-twister about "Theophilus sifting thistles" without lisping, you can find pleasure and interest in adding a couple of thistle relatives to your garden. And if the word "thistle" suggests unpleasantly the bristly weeds of fields and roadsides, or if you wish to appear a learned gardener, you can refer to your "tame" thistles as Echinops or Eryngium, as the case may be; for those are the names under which you can look them up in reference books or seed or nursery catalogues. The former is known as globe-thistle; and the latter (pictured above) as sea-holly, because of the shape and spiny nature of its leaves.

I set my thistle plants, obtained from a nursery, in clumps of three at the back of my perennial border where, without further attention than routine cultivation and weeding, they developed lush foliage of pleasingly different texture and outline from that of the adjacent phlox; it also provided an interesting contrast to the gray-green foliage and clear pink blossoms of the Dianthus in front of them. But the real delight came later, in the ball-shaped gray buds, spiky and clear cut. This is the stage when you should cut a few sprays and hang them head downward to dry in a warm place. (I use a rope line in the attic.) In the fresh state, the globular buds are effective in arrangements with red-bronze canna leaves, crimson bergamot (Monarda), and Silver King artemisia. For such an arrangement in an old wooden shoe, I (with pardonable pride, I hope) awarded myself a blue ribbon in my one-woman, one-arrangement flower show.

But before I got over my delight at the buds, those I had left on the plants burst into balls of tiny blossoms—like jewels hand-

CONTINUED ON PAGE 124



"WHAT! NO KITCHEN TELEPHONE ?"

Of all things, Mr. Bridegroom! Surely you don't expect that lovely new bride to get along without a telephone in the kitchen!

Maybe there was a time when one telephone seemed enough, just as one radio and one bathroom and one car seemed enough. But everybody is used to more comfort and convenience these days. And there's nothing that makes life so much easier as telephones around the home.

In the living room, of course. In the kitchen, conveniently hung on the wall. In the bedroom, to save steps and for added peace of mind both day and night. For the son and daughter who'd like telephones of their own, with separate listings.

Would you like to know more about <u>complete</u> telephone service and how surprisingly little it costs? Just call the business office of your local Bell telephone company.

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SOME VARIETIES OF THE LYRIC DRAMA

C. G. BURKE

HANDEL: Apollo e Daine. By Margaret Ritchie, soprano; Bruce Boyce, baritone; instrumental soloists and orchestra conducted by Anthony Lewis. OISEAU-LYRE OL-50038.

STRAVINSKY: Story of a Soldier. By an instrumental septet with Fritz Weaver, John Harkins, and Frederic Warriner, speakers; conducted by Emanuel Vardi. VOX PL-8990.

VIVES: Doña Francisquita. By Maria de los Angeles Morales, soprano; Carlos Munguía, tenor; and others; with chorus and orchestra conducted by Ataulfo Arnegta. LONDON INTER-NATIONAL TW-91005-6. Two discs.

MENOTTI: The Saint of Bleecker Street. By Gabrielle Ruggiero, soprano; Maria Marlo, soprano; Catherine Akos, mezzosoprano; David Poleri, tenor; and others; with chorus and orchestra conducted by Thomas Schippers. RCA VICTOR LM-6032. Two discs.

In these four works a dramatic narrative is sustained by human voices. The first two in the order above, which is chronological, are canta-

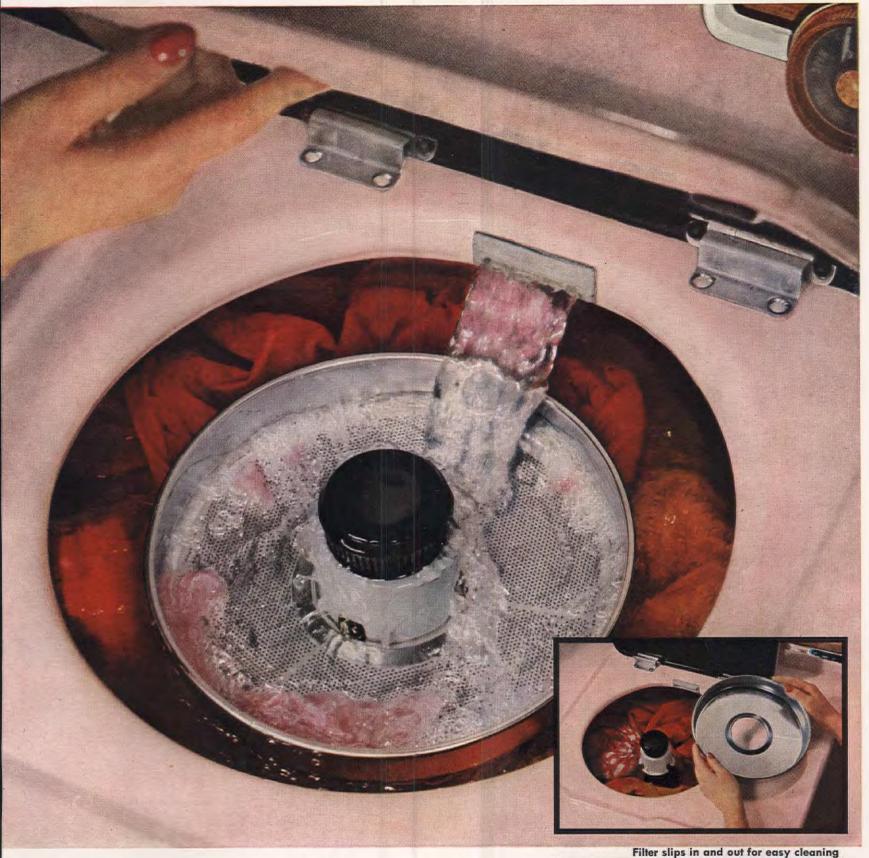
tas; and the last pair are operas. On the phonograph, where stage-action must be supplied by the hearers' imagination, one form is dramatically as effective as the other. What composers make of the form is another, and greater,

other, and greater,
matter. Handel made a miniature masterpiece of his cantata,
which is not a one-act opera
simply because operas were forbidden by the Roman censorship when he composed it. Miss
Ritchie is always appealing in high

soprano parts of this period, and her estimable work is seconded by the highly-styled but unobtrusive accompaniment of gifted instrumentalists. The sonics of this are adequate in spite of some unplanned background noises, and the version is decidedly preferable to the other recorded edition.

As different from this as music can be, is the other cantata and the other masterpiece here, Stravinsky's acrid *Histoire du Soldat* done in English and recorded with stunning, close realism. The narration is delivered with good dramatic bite and unambiguous enunciation, and if the translation did not make one cringe on occasion, and a terrible mispronunciation did not linger malignantly in memory, the record would be recommended unreservedly.

After these, *Doña Francisquita* is easy sport. Written in 1923, it sounds like Donizetti in Iberian dress, engaging as ever, unbelievable but insinuating and very hard to dislike. Operatic comedy has maintained a higher distinction in Spain this century CONTINUED ON PAGE 137



W G-E FILTER-FLO WASHER CLEANS AND RE-CLEANS HE WASH WATER TO GIVE YOU CLEANER CLOTHES

E.'s new Filter-Flo Washing System reoves lint, sand and soap scum.

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With 50% more clothes capacity than many tomatics, it's today's best buy. About \$3.35* ekly. General Electric Co., Appliance Park, uisville 1, Kentucky.



After 11 washings in an ordinary washer, the dungarees (left) were dulled by lint film. After 11 washings the G-E way, an identical pair showed no lint visible.



5 Mix-or-Match colors, too! See G-E Automatic Washers and Dryers in petal pink (shown), turquoise green, canary yellow, cadet blue, woodtone brown. Also white.

for whiter,

or whiter, brighter washes... GENERAL ELECTRIC



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More usable storage space...more convenient work areas!

This is the only kitchen that's convertible... that lets you rearrange shelves and drawers at any time to fit your changing storage needs. Thanks to the exclusive convertibility feature, you get more usable storage space in an American-Standard kitchen. In addition, all cabinets are constructed of steel for lasting appeal, with a smooth, mar-resistant enamel finish. And steel cabinets are the very best—durable, non-warping, easy to maintain.

The smooth Micarta counter top is one piece, front to back, with a raised front edge to prevent spilled liquids dripping to the floor. Handle color-guards come in six colors to harmonize or contrast with counter top and sink colors.

Other wonderful features of this new American-Standard kitchen are adjustable, see-through wire shelves—revolving corner base cabinet shelves—wall cabinets that are handle-free, open at the touch of a finger—cabinets specially designed for built-in cooking units—tall utility cabinet with sliding shelves for appliances—and, of course, a famous American-Standard cast-iron sink with acid-resisting enamel coating.

See this work-saving kitchen at your American-Standard retailer's...and ask about his easy time payment plan. He's listed in the Yellow Pages of your phone book under "kitchens." Or mail the coupon below. Plumbing and Heating Division of American Radiator & Standard Sanitary Corp., Pittsburgh 30, Pa.

American-Standard, Dept. KA-85, Pittsburgh 30, Pa.

To cover cost of handling, I enclose:

10¢ in coin for the new 24-page full-color booklet, "Guide to a Better Kitchen."

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modernizing
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Deep drawers are wonderful for storing bulky packages. Nylon guides let drawers slide easily no matter how heavily loaded. When closed, drawers are concealed by the cabinet door.



Easy convertibility at any time is a boon of this kitchen. One deep drawer has been removed and an arrangement of shallow drawer plus easy-sliding wire shelf has been substituted.



Three wire shelves can be slipped into the same cabinet for another handy storage arrangement. All shelves slide forward smoothly, effortlessly bringing items within easy reach.

If this has ever happened to YOU-



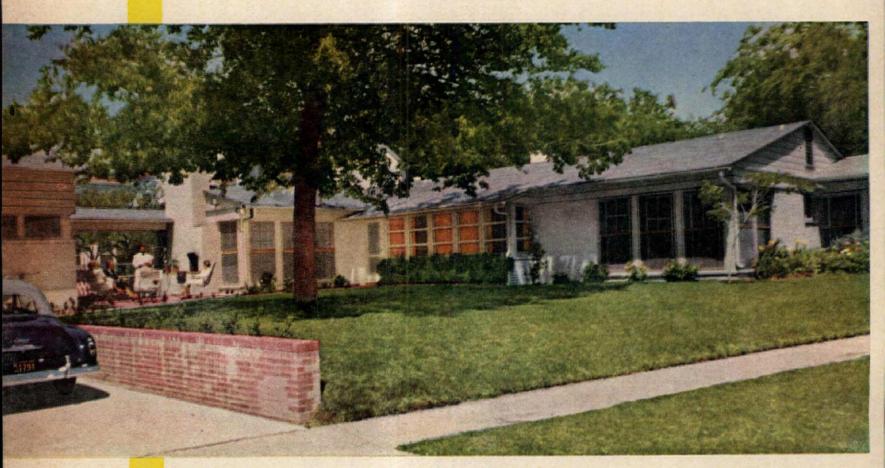
Go home and take a Good Look at What You've Got!

ot those weary, dreary, house-hunting blues? Been through so many developments, seen so many new houses, home sites, and blueprints that you're thoroughly confused and don't know which way to turn? Well, if you already own a house, take our advice—go home, say we, and take a good look at what you've got! Want to move for the sake of more—or bigger—rooms? A family room? An up-to-date exterior? Is it more storage space that you need? More and better bathrooms? Long for a streamlined kitchen? Disgusted with your old heating system? With out-of-date wiring that blows its top? If you want a new house for any such reasons . . . you're sitting on what you want, right there at home! Ever hear the parable of the man who sought riches the world over, only to find acres of diamonds in his own back yard? Your old house can be the gem of a home you are seeking. Here's an entire issue devoted to remodeling and modernizing ideas to show HOW TO MAKE THE MOST OF WHAT YOU'VE GOT.

The McLarrys of Dallas Took

They built a separate garage, a new breezeway;

They added a few feet at the back of the house...



and got a second living room . . .



a Fresh Look — and see what happened!

DATA: DOROTHY MONROE

To transform an old wreck of a house is one thing—but does it really pay to remodel a comparatively new home, a perfectly salable Contemporary in excellent condition? Ask the Richard McLarrys of Dallas who got the larger house they wanted without leaving their beloved home, and they'll

assure you that such remodeling certainly *does* pay off. Theirs was a charming little one-story affair in a pleasant neighborhood where the young family had taken root. We show you no "Before" picture, because there was nothing wrong with the place before—save the fact that it seemed to shrink as the youngsters grew up.

The "new" home the McLarrys sought needed a larger living room, and a second living room too. Their kitchen, once so attractively "compact," had become too small for their requirements, and so had their dining room—the new house would be better endowed in those respects as well. It would also have an extra bedroom and bath, a workshop, better outdoor facilities.

As it turned out, adding a new garage to the home they already owned and loved was the key to gaining CONTINUED ON PAGE 131



a bigger bedroom



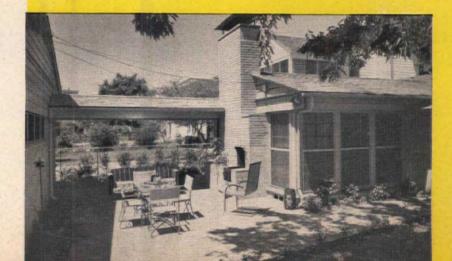


From the former attached garage

they made a bigger, modern kitchen and a separate dining room



They got a small apartment over the garage, a beautiful new patio



The Armstrongs of New Jersey Took

They took a second look at This...



.. and envisioned This



ad we been a little stronger minded, we might have taken one step at a time, but, as the carpenter said, 'One thing leads to three.' However, we did, eventually, find a temporary stopping place." That's one side of Mr. Raymond Armstrong's story about the adventure of remodeling his home in Haddonfield, New Jersey. The other side comprises the many reasons, both sound and sentimental, for so doing. "For a long time," adds Mrs. Armstrong, "we thought we might someday buy a farm—but now we never want to leave this home we have all made together." Indeed, the not-so-distinguished suburban Colonial they reluctantly rented almost 30 years ago has actually become the spacious country place they dreamed of all along. After living in the house for some years, they bought it, and also acquired an additional 25 feet of street frontage to add to their narrow 50-foot lot. Then, a few years ago, the Big Change began. Ripping off the front porch and adding a low garage and bedroom wing gave them more space, and endowed the awkward "sideways" house with the good proportions of old New England architecture. A new paint job and a garnish of shutters completed the picture.

CONTINUED ON PAGE 119

a Second Look...



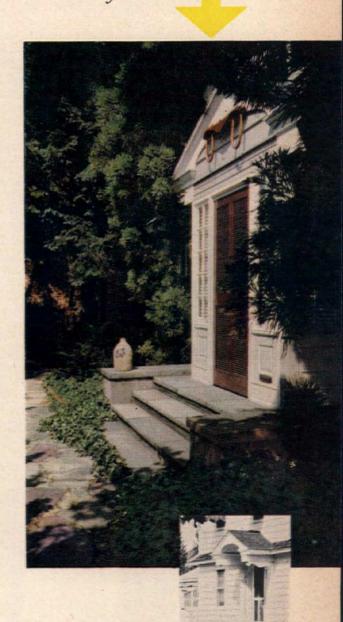
They ripped off the porch, added a bedroom wing, built a low wall with a friendly gate, made a handsome



They added a garden shelter



entrance from an eyesore



and made this lovely garden in the heart of town

In Manchester, Iowa, the Charltons

TAKE A GOOD LOOK AT WHAT YOU'VE GOT!

Because I saw a remodeled house painted peacock blue in your May '53 issue—and liked it so much—I had the courage to use the same color on a house I fixed over that summer. Our own brick-red home next door is a remodeling too, and the jewel-like colors are so good together! I have really enjoyed these two projects, for there is so much potential beauty, elegance, and dignity in some old houses that, after the job is done, one wonders how they ever could have been so ugly. It's a challenge!" This letter from Mrs. Shannon B. Charlton of Manchester, Iowa—and the photographs that companioned it—sent us packing for a look-see.

The Charltons' own home, now an aristocratic Georgian, beautifully proportioned and detailed (note the proud doorway), was built by Mrs. Charlton's father in 1914. Its siding of "art brick" and wood, its porch that kept the living room dark, were typical of that era of less-than-distinguished architecture. The design of the roof caused serious problems. "When the big Iowa snows came," Mrs. Charlton recalls, "the heat of the house melted the snow on the roof, but not on the broad eaves—so the melted snow backed up, stood there, and ran down through the walls."

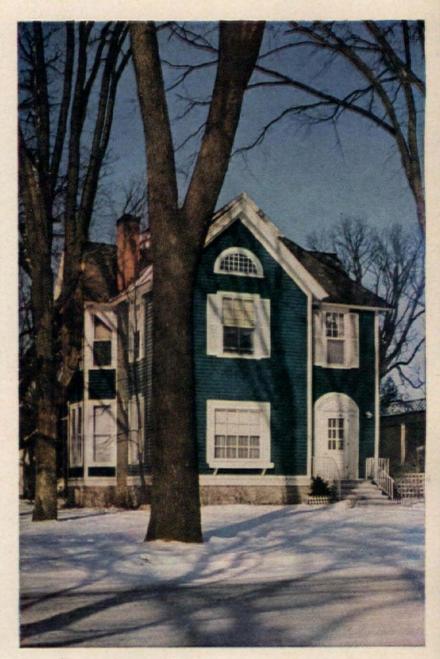
Finally, one dry, windy day in 1932, the shingle roof caught fire and the whole top story was gutted. Instead of merely repairing the damage, the Charltons asked Architect Dean Barnhizer of Cedar Rapids to remodel the house. However the changes, while spectacular, are less drastic than you

the changes, while spectacular, are less drastic than you might have thought them at first. Foundations and basic structure were undisturbed—it is the improved roof design that creates pleasing symmetry in place of that one-sided

They took a second look at

This ... and envisioned This

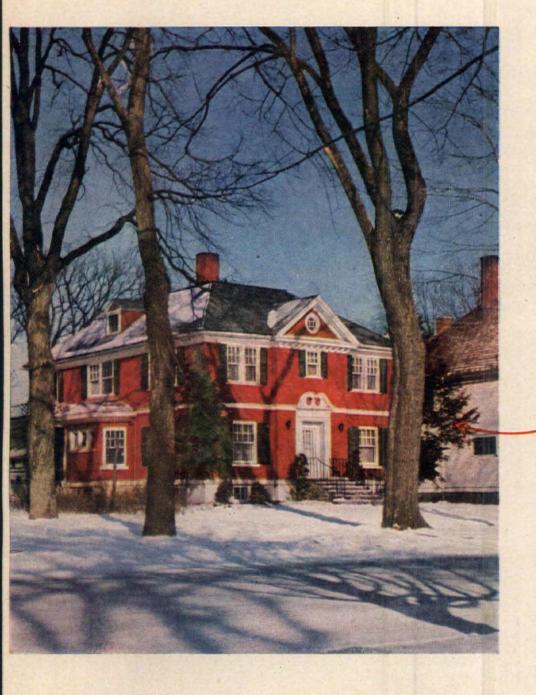




... the Charltons bought,
handsome

Remodeled Two Houses!

Their nondescript became a Georgian beauty





look. Without major structural change, removing the porch made a world of difference, both indoors and out, and a veneering of brick and a flourish of shutters gave it a new complexion entirely. But if you could see the sides, you would observe that bay windows and balconies and other fascinating birthmarks of the old place are happily undisturbed.

A few years ago, when the house next door (circa 1890 and complete with Victorian gingerbread) came up for sale, Mrs. Charlton bought it because "it was sincerely built, and I thought it would be fun to see what I could make of it." What she made was two fine apartments in a building now neighborly towards her own home, a house that breathes more easily without its excrescences. It was given a gentle Colonial air, without forcing the issue in any way. Behind it, Mrs. Charlton points to a giant oak, 260 years old—"a beautiful thing, and I confess the real reason I bought the place was to keep some too practical persons from felling the tree and building an extra house there!"

fined it down, and slicked it up. Now they have a neighbor (and a tidy two-apartment rental investment!)

ON THE TIP OF LONG ISLAND -



TAKE A GOOD LOOK AT WHAT YOU'VE GOT!

AND IN UPSTATE NEW YORK-

NEW POINT OF VIEW: \$7,060



Even on a quiet country lane, living indoors and out is much better if your living room faces the rear. In remodeling this old place for Photographer Hans Namuth, Architect Robert Hays Rosenberg reversed the plan. Front porch and living room (right) became a modern kitchen-dining room. Former kitchen and other tiny rooms at the rear (above) were thrown into one spacious living room with glass end and open deck (left). Dreary "back yard" was fenced in and made into a charming outdoor living room. (More pictures, page 106).

Without disturbing foundations, seldomused porch went to work as a kitchen, living was faced to the rear. Remodeling, including kitchen equipment and landscaping, cost \$7,060—but property's value was increased by much more than that sum.



WHY NOT DO A

- Is Your House Too Close to the Street?-

Like many venerable houses, this one had a rear kitchen wing—several small rooms and an attic. When the August Heckschers remodeled it for use as a summer home, Architect Daniel W. Warner removed interior partitions to create a large living room, two stories high at one end. Its vast glass wall now affords its owners a lake view formerly squandered. But despite its modern viewpoint, note how well the transformed wing harmonizes with the design of the old house.



Abstract composition with very human outlook: This striking shot was taken from a balcony-study that extends over part of the new two-story living room—quite an improvement over the attic and woodshed that formerly occupied this area! In remodeling the 95-year-old house, many other improvements were made, but the cost of the all-important turn-about-face that we show came to approximately \$5,000—including the construction of a fireplace. For other pictures of this wing, see page 106.

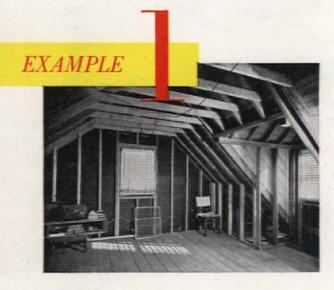
TURN-ABOUT FACE?



THIS TRANSFORMATION: \$5,000

Do you want to move because you need MORE

Expansion Attic in New Jersey Becomes Bedroom for 2 Growing



Many couples with plans for family expansion buy houses with unfinished "expansion" attics to meet future requirements. It's a sound plan when the attic really has sufficient headroom and windows so that the space can be translated into living area without ripping out the roof.

When their third child was on its way, the Joseph Fehrenbacks, who had such an attic, made more room in this way. First Joe added wiring for new fixtures and outlets. Next, he insulated the space and installed adjustable louvers in the gable ends. Then he nailed up gypsum board (see page 108). He installed hardboard underlayment over the rough subfloor, and covered it with vinyl tile. The final big job was covering wallboard with plastic-coated fabric.

Only details remained—but they were big details. Joe trimmed and hung the door, installed sliding closet doors, fitted pine chests under the eaves, paneled the dormer with plywood. He installed sliding plywood panels to create dead storage space, built table, desk, and bookcases, installed the lights, put up trim and moldings, applied paint and natural finishes. To dress up the new room for the boys, headboards were slipcovered to match the readymade washable bedspreads, and trim curtains were hung.

A quickie conversion? By no means. Many nights, many weekends, and many hundreds of dollars went into the project—but this handsome room for the boys gave a new dimension to the house.





That switch-about table's a smart one. It consists of a reversible slab (laminated plastic on one side, wood on the other) supported by a pair of boxes, but not anchored to them. Rest boxes on narrow sides (top picture) and it's a play table; stand them upright (directly above) and it's dining height; rest them on their broad sides, and it's coffee-table height.

ROOM?

Here are 5 good ways to add a room to the house you've got

Boys

Under the eaves, each boy has his own tendrawer chest with an open top (for toys now—cuff-links and such a few years hence). Threeway switches at the door and by the bed control therecessed ceiling lights so the boys can turn the lights on or off from bed. Use of durable materials and simple trim throughout make this room an easy one to care for.



Even the closet, which runs back to the eaves, will grow with the boys. As their clothes lengthen, the adjustable clothes pole goes up.

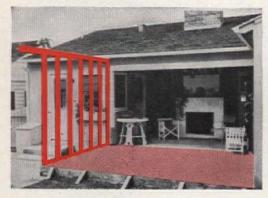






DATA: MARTHA B. DARBYSHIRE

Porch in California Becomes A Second Living Room





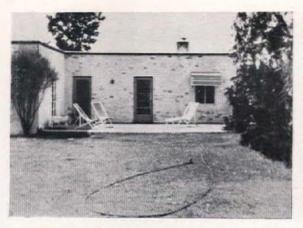
Extending slab floor and roof produced a spacious new room—modern, but companionable to the traditional architecture of the house. To make its outlook all good, a fence was added to screen off the service yard

This house, designed one jump ahead of itself, has caught upand then some-since we published it in December, 1950. When the Bruce Tebbes built it, they included a U-shaped back porch, equipped with a fireplace. The plan was to convert it, someday, into a dining room or a den. The conversion has now taken place-but the family room, so dear to our decade, altered the Tebbes' thinking. A family room is what they now have-a room more enjoyed than they dreamed it would be! It's a den, a guest room, a room where they eat half their meals. But most of all, it's a second, much-used, living room.

To accommodate their new ideas, Architect Edla Muir designed a room larger than the one originally planned. The concrete-slab floor was extended, and so was the roof—and to keep the plan ahead of the game, a roofed-over space was provided for a future bath. Total cost, \$1,204.

In keeping with the modern glass-walled addition are the contemporary furnishings chosen to harmonize with the traditional things in their other rooms—and still have a fresh, new look. "Both in architecture and decoration," says the owner, "the change in pace is a boon, a hammock in which the rest of the house . . . a bit numb and tired by now . . . can recover and start afresh."







NEED MORE ROOM?

3

A patio's fine—if you can enjoy it, and have no better use for the space. This one, exposed to the glaring sun in Tucson, Arizona, was usually idle—so owner Mildred Scott enclosed it to form a triple-purpose room whose overhanging roof really shelters the new outdoor sitting area

DATA: LOUISE PRICE BELL





The cozy little ceramics workshop directly above even houses a kiln. The television set (top) is in the guest and sitting part of the room, placed to be easily seen from both divans



This pleasant new second living room where the old patio stood isn't the half of it. Because the owner's hobby is making ceramics, a storage-partition wall (not shown) was built to set off a workshop and a bath for the overnight guests who are welcomed by those twin divans and by built-in storage for their clothes. And that's not all, either—for three tables for bridge games can be set up with ease in this room that is used 24 hours a day

Too hot, little used—Patio in Arizona Becomes

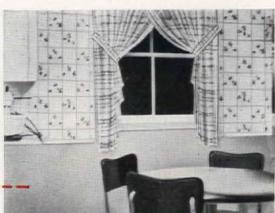
A Guest-Hobby Room

Four Small, Crowded

Here's how to take advantage of modern "open planning" your old house can borrow space from itself!

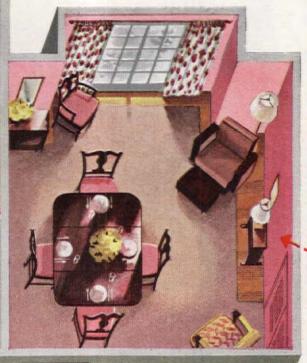


As far as trotting back and forth was concerned, serving breakfasts in this breakfast room was no easier than serving them in the dining room. An isolated little room, it had no use save as a rather inconvenient annex of the small kitchen.









A great many older homes have breakfast rooms and pantries galore—but no den, no cozy spot to sit around and talk, aside from the living room. So the dining room, if it is large enough, is often given this additional job to perform. But because the space wasn't designed for such double purpose, the placing of furniture may present a problem, and neither use of the room is well served

There was a time when having a lot of rooms counted for more than having lots of room, when little thought was given to the amount of usefulness and spaciousness you could pack into the house as a whole. So partitions went up like mad to create tiny rooms—some of them cubicles. Here is a typical case in the home of the William Eastmans of Long Beach, California: a dining room that doubled as a den; a separate breakfast room wasted upon a once-a-day job; a small and dark kitchen; a back pantry. But in the interest of elbow room and convenience, the Eastmans threw down interior walls to make many into one—one wonderful room where they all enjoy hours of work and of

Rooms-Now a Big Family Room

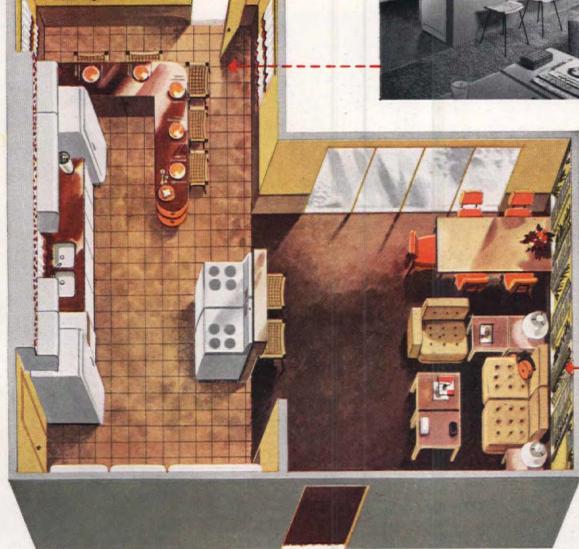
From the "sitting room" corner of the family room you get this pleasant view of the attractive kitchen and Mrs. Eastman, working at her island range, is no longer excluded from the family conversation



Where the breakfast room was, the L-shaped counter below swings around the refrigerator—it's almost within arm's reach of both range and sink, and much more hospitable than the breakfast room table. The turquoise of the walls, and gay touches of orange, lime, and brown were all taken from the wallpaper



Two kinds of view here: At the end of the room, instead of French doors, a new glass wall gives the dining area a close-up of the garden, a feeling of being off by itself. But the other "window" wall, the one with shuttered windows running the length of the room, is a wallpaper view, also enjoyed from the kitchen



play and of leisurely dining together. It's an excellent example of "open planning," which means that divisions between areas are psychological rather than physical, that each part profits from the light, air, and space of the whole. You may not cotton to the sort of open planning wherein kitchen, dining, and sometimes even bedrooms are really part of the living room—but an open plan in such an area as this can turn miracles. The dining room is separated from the rest by furniture arrangement alone, and it has a view of the garden through a new glass wall; for chatting and lounging, there's a conversation corner; the cooking island puts the kitchen in its place without isolating the cook; and there's still a "breakfast room"—at that counter that saves Mrs. Eastman hundreds of steps every day. Anne G. Phillips was the decorator.





Porch in Minnesota Turns into

Year-Round Dining Room



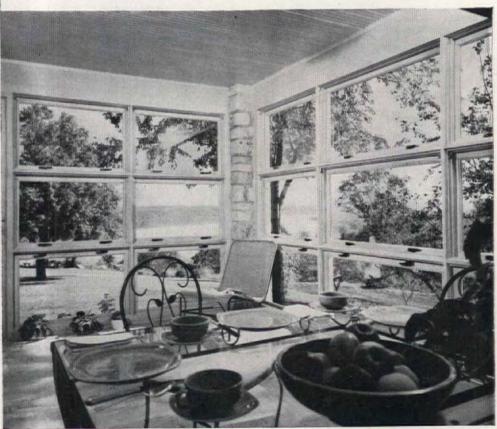


leasant screened porch (far left) was used only a few months a year in the vigorous climate of Stillwater, Minnesota. So its owner. Mr. Carroll Brown, decided upon a do-it-himself Operation Enclosure, using wooden window units. They come in various sizes that can be combined to fill most openings, and may be installed three different ways: to open in, like a hopper; to open out, like an awning; or vertically, to open out like a casement. Most of this transformation, including

putting down the resilient-tile floor, was Mr. Brown's handiwork—but he called in a carpenter to fit final trim around masonry and to hang the new door. Optional double glazing is available for windows, so addition of heat can make this a year-round room.



First step was to prepare rough openings of right size for windows, using cut nails, especially made for masonry, to nail boards to stone and concrete floor. First window unit was partially toe-nailed to rough opening, and then a level was used, and bottom units were shimmed-up and squared-off. Other units were stacked in opening "just like building blocks." Mr. Brown toe-nailed units to surround frame, and used corrugated fasteners to join units to each other. Inside and out, such fasteners provide a very rigid structure, and are later covered by trim.



See "Where Credit Is Due," page 124

OR DID YOU WANT TO MOVE IN ORDER TO HAVE

A Modern Kitchen?

2 WALL TYPE Is your kitchen long and narrow, with only two opposite walls available for installing your equipment, cabinets, work areas? Then this is your plan, and a convenient, economical one it is if you arrange everything efficiently. If the room is seven to eight feet wide, you can reach from one wall to the other with a minimum of steps. If it is wider, a fine new idea in kitchen planning is the center island. The island can be a range, a sink, a work counter—or the table that's been a kitchen "island" for generations.

EDITH RAMSAY

SHAPED TYPE

Does your kitchen have three workable walls? Then a U-shaped plan will provide top efficiency. Generally, in such an arrangement, each work center is located on one of the three walls-and remember that one of the walls of the U can have a window, for a sink or a counter can be placed under it. This is a perfect, compact plan for a one-gal kitchen, and if it's on the small side, each counter can do double duty, serving both sink and cooking area, or both sink and refrigerator area. In a really large kitchen, use a peninsula to centerize work areas instead of spreading out over three walls.

SHAPED TYPE

Does your kitchen have two workable walls adjacent to each other? Then yours might be an L-shaped kitchen-a good, logical arrangement, for the three principal centers (sink, range, and refrigerator) can be conveniently close together. If your kitchen is a longish one, you might turn the L into an F by adding a peninsula to divide food preparation from an eating or laundry area. By installing a peninsula or an island any place along the L, countless variations are possible. The free walls of an L-shaped kitchen (perhaps broken by doors or windows) can be used for laundry equipment, freezer, snack bar, or children's play area. MORE PLANNING DETAILS, PAGE 96.

Your old kitchen, whatever its shape,

CAN be taught modern ways. Here are
three basic kitchen plans, and each
can give you efficiency and space
for everything. Keep your own kitchen
in mind as you examine the remodeled
jobs on the following pages

Knock-Out Job

in Illinois

Dismal and dog-eared, with no decent work area, no storage space save the pantry, no inviting place for a snack, the dreary kitchen at your left gave its owner very good reason for wanting to move. However, though Mrs. E. R. Matthews was in favor of buying or building anew after their children had married, her husband found fault with every prospective home and home site—and finally confessed his reluctance to leave the pleasant neighborhood in Wilmette where they had lived for so long. So they remodeled. The plan will show you the excellent two-wall arrangement that their kitchen designer, Karl Knobel, gave them—plus a bonus of charm, and a breakfast room and washroom coaxed from the space formerly occupied by a rear vestibule and pantry. Before, the range jutted into a doorway and there were no work counters at all. Now range, sink, and refrigerator (note its left-hand opening) form an easy-to-work-within triangle, and each is endowed with its own counter space, plus wall and base cabinets to store things where they're wanted—instead of far away in the now defunct pantry.





Incorporating a back pantry and rear vestibule into kitchen proper made space for engaging breakfast room and downstairs washroom. Because knockout job on walls necessitated extra support for second story, this was provided by steel beam concealed in soffit above cabinets. Here two-wall plan is slightly modified by small peninsula and corner cabinet. Rounded base cabinet opposite it avoids bumping. Ugly radiator is now masked and topped by pretty open shelves.

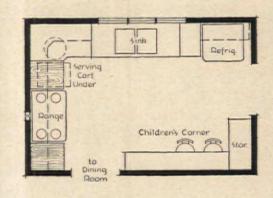
See "Where Credit Is Due," page 124



With one fair-to-middling wall of cabinets, this was no "total loss" kitchen—but youngsters darting in and out of the back door were forever in the endless path of the cook from range to sink to refrigerator. Range and refrigerator were isolated from counters; some storage was too high for convenience while blank walls begged for cabinets.







See "Where Credit Is Due," page 124

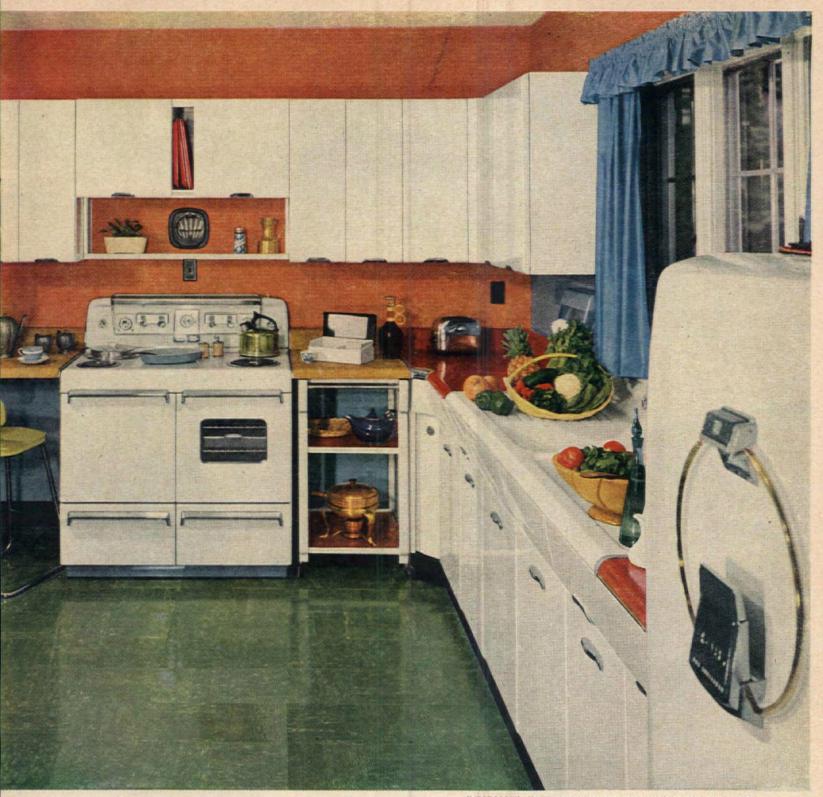




No modern designer of an "ideal" kitchen will make its work area a thruway to the back door—but in many an existing home, such traffic simply can't be shunted off without costly structural changes. If that's your problem, the best traffic control in the world can be a switch in the line-up of appliances and cabinets. In the home of the Clayton Bartels of Richmond, Indiana, a basic L-shaped arrangement now gives the junior not-so-lone rangers freedom of movement without interfering with the preparation of their victuals.

No walls, doors, nor windows were moved, but what a difference this new plan has made, both visually and functionally. Now refrigerator, sink, and range, placed in a perfect step-saving triangle, each have their own counters and storage, and a Lazy Suzan corner cabinet supplies the perfect mixing center. An existing heat register prohibited the use of a base cabinet to the left of the range, but a counter was provided anyhow, while on the other side of the range the serving cart can emerge from under the counter to yield extra work surface, or to wheel out to the dining room or outdoor eating area. On the wall opposite the sink, a long, narrow "bar" makes fine headquarters for snacks, while its lower shelf forms a convenient harbor for skates, spurs, and space cadet gear.

shaped



DESIGNED BY DORIS PIPER OF CROSLEY KITCHENS

-Traffic Solution in Indiana

If your kitchen must be a thruway, changing its plan can ease the situation—and bring other rewards as well



DESIGNED BY GEORGE NELSON FOR THE GENERAL ELECTRIC COMPANY

Before you lose your heart to the dream stuff, take a practical look at that appliance peninsula. The washer-dryer takes on a big load. The dishwasher glides out for ease. The surface cooking units have pushbutton controls with oven and storage below. A second oven is built into that refrigerator-freezer wall.

It's almost a house in itself—throw in a couple of sofa-beds, add a dressing-room bath, and what else do you need? If you build a new home or kitchen wing, you can duplicate our Cover Kitchen in toto, for this equipment-of-tomorrow is available today. If you're remodeling, you can adapt the working parts to any plan.

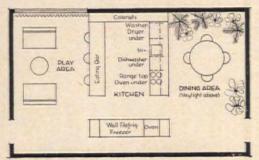




See "Where Credit Is Due," page 124

Plants and people both flourish in the sky-lit dining area. Note gay and practical lighting fixture, vines on the ceiling.





ost living kitchens have an old-fashioned air, a lovely nostalgia. But here's one that's up to the second, and every bit as lovely—a mid-twentieth century living-dining-kitchen filled with the excitement and inventiveness of our own era, a plan inspired by some super-new appliances and cabinets—and hot off the drawing board of the very modern-minded designer, George Nelson.

Note the sweep of counter—and the canny concentration of the major appliances to save steps.

Think of the installation economies that hard-working peninsula makes possible: into 9½ feet are packed a washer-dryer, sink, dishwasher, range—all served by single plumbing and single wiring installations.

Imagine how pampered you'd feel using that no-stoop refrigerator that looks like wall cabinets.

See the sleekness of the cabinets so installed that wall and base units appear to be flush.

Don't miss the perfect color match of appliances and cabinets—and the excitement of that color.

Observe how a lounging and play area as well as a young-minded dining room fit into the scheme—while the working part is embraced by a compact U plan.

And mark the fact that individual sections of this kitchen would work perfectly with any plan, any size.

Don't get us wrong! The country kitchen will always be dear to our hearts—but we're delighted with this living kitchen that refuses to be quaint, that's both expert and debonair in a very modern manner.

Designed especially for this issue This Dream Boat Kitchen Is Basically

shaped

Play area pictured on cover could be a "den," a children's play room, or a sociable spot for family and close friends to foregather. Service bar peninsula has stools on one side, cabinets on the other. Walls are decked with toys.



One of the First Things to Tackle— Modernize Your Old Heating

Many an old house can have better heat without replacing the system. Here are the major and their remedies. If you've added a wing to your house, the picture may be somewhat different with any system, the addition of modern controls and central summer cooling can add vastly

FORCED WARM AIR: Do you feel uncomfortably cool sitting near outside walls and windows? The remedy is to replace existing warm air registers with defuser registers to force heated air from the furnace over to cold walls and windows. • Is your headache uneven heat—some rooms too hot, while others are too cool? Then have dampers installed in ducts near the furnace so the system can be balanced to provide each register with the desired amount of heat. • Does a cold blast of air rush out of the registers a few seconds after the furnace blower begins to operate? Then have the burner adjusted so that the blower runs all the time. • Do you feel cool even though the thermostat says that the air in the room is around 70°? Then your trouble is "cold seventy," and is due to a layer of cold air building up from floor level. The cure is to have the furnace adjusted to run at shorter intervals, but more frequently. • Do you complain of cold drafts of air across floors or down the front stairs? The answer here is additional cold-air-return registers and ducts to carry this cold air back to the furnace. • Is air flowing from registers like the blast from a furnace? Then have furnace adjusted to operate at a lower bonnet temperature and lower blower speed.

GRAVITY HOT WATER: Is your trouble inadequate radiation—not enough heat? Chances are that the trouble is not lack of boiler capacity (most boilers in older homes are about twice as large as they need be) but inadequate heat radiation. The best cure is the installation of modern and more efficient radiators-baseboard panels or convectors which give off more heat for their size than their old-fashioned bigger brothers. • Do your radiators get just warm instead of hot? Increasing the water temperature will help this condition, and this can be easily done by converting an open system into a closed hot water system. Closing the system allows the boiler water to reach a higher temperature, which means that the water going to the radiators will be good and hot. • Got a sluggish system that takes hours, or maybe days, to heat up? Then have a circulator installed near the boiler. This pump, wired into the controls from the thermostat, will force the water to all points in the system. Be sure that a flow control is installed at the same time, so that water won't go through the system under gravity when the circulator is not running. • Do you have some radiators that never seem to get warm? Have your contractor install special venturi fittings in the lines which will utilize the flow of water through the pipes to force the water through every radiator or convector in the system.

complaints-(see page 118). And to your comfort

GRAVITY WARM AIR: There's no point in kidding ourselves, this is simply a 19th Century type of heating system, and it's going to take some doing to make it act like a 1955 model from the standpoint of economy of operation and comfort. • Is your particular complaint that registers in certain rooms (usually far removed from the furnace) don't get sufficient heat? Insulate ducts with a minimum of 1/2" asbestos air foil paper or equivalent insulator, and have them checked to be sure they slant upward from furnace to register. • If the entire system is sluggish, you will need a blower and filter attached to your existing furnace. The blower will force the heated air through the ducts and out of the registers, and the filter will remove dirt from the air. Addition of these two units transforms the existing system into a kind of forced warm air system. To make the blower really efficient, the jacket of the furnace should be removed, and metal baffles installed in it so that the flow of air around the furnace will be slowed down, allowing the air to be properly heated. · Bothered by a draft of cold air flowing down the stairs and across the first floor? Have additional cold air return registers installed at the base of the stairs and, if possible, in some

of the upstairs rooms. Ducts should run from these registers back to the furnace.

If your existing furnace is more than 20 years old and you wish to modernize, both for the sake of better heating and to take advantage of some form of automatic heat-oil, gas, or a coal stoker-make sure that the cost of bringing your old system up to date doesn't almost equal, or in fact exceed, the cost of installing a brand-new system. In any event, give serious thought to newer systems. Two types which lend themselves excellently to homes originally heated by gravity warm air systems are the forced warm air and forced hot water types. With forced warm air, the job of installation on the first floor is moderately easy if there is a basement or crawl space underneath. The registers are placed along the outside walls, for experience has proved that this is the best location. Cold air returns, where necessary, are placed on the interior walls. Installation of registers on upstairs floors is somewhat more complicated, but through the use of special ducts, the job can be done with a minimum of disturbance to existing partitions. If you decide to use forced hot water, the best bet would probably be to use baseboard panels on the lower floor, and to use convectors or radiators on the upper floors. A baseboard panel layout can be moderately easily installed on the first floor but might require a good deal of effort to install on the upper floors.

FORCED HOT WATER: Is your home never quite comfortable in winter? Chances are that you have inadequate radiation. If boiler has sufficient capacity (and it probably does), larger and more efficient radiators, baseboard panels, or convectors can be installed. When possible, additional radiation should be placed under glass areas to blanket them with warm air instead of cold. . Does your existing old-fashioned radiation make decorating a problem? Then install new compact radiation-radiators, convectors, or baseboard panelsthat will give more heat and require less room. • Is your problem uneven heating-some rooms too hot-some too cool? Then have balanced fittings installed so that each piece of radiation receives the desired amount of hot water. • Does hot water circulate through the system even when the boiler circulator is not running? Then have a flow control valve installed so that water circulates through the system only when the circulator by the boiler is running.

> **ONE PIPE STEAM:** Is your trouble uneven heat—radiators near boiler heating rapidly, while far-off radiators stay lukewarm? Then install multiple-vent air valves on radiators they can be adjusted to bring the system into balance. • Is your radiation dated, but your boiler still sound? Then install more efficient radiators, or a wall unit that contains its own blower, filter, and thermostat. • Is your boiler hand-fired? Then install a conversion unit.

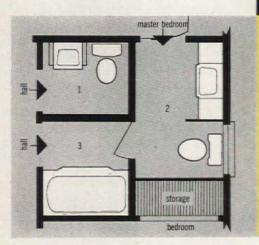


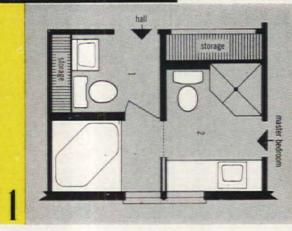
Custom built (or husband-built) laminated plastic lavatory counters can be tailored to your needs. This one has clever rods for "sinking" towels.

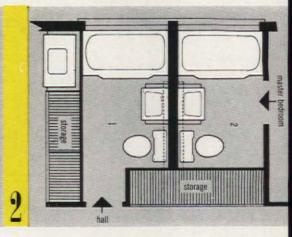
Is Your Real

Here are [[[] [] []

and some of the newest fixture









New lavatories have such luxurious details as extra-wide sides-a great convenience for Milord when he's shaving or for Milady if she uses this as dressing table. Note handsome chrome legs and rods for towels or light laundry.





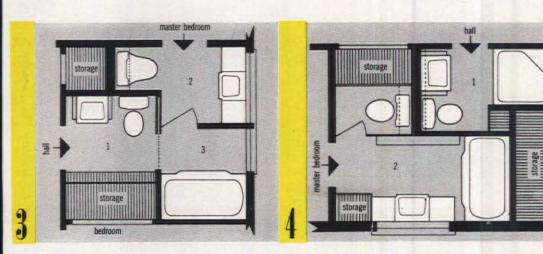


Adding, dividing, or multiplying your bathrooms? Don't overlook the corner tub that fits where other tubs will not. Chamfered corners of this one solve other space problems too. Note glamor that colored fixtures can add, the spacious air big mirrors lend.

New design in lavatories: The tapered pedestal with a modern look conceals the pipes. New look in water closets: Very low tank frees wall space for attractive decorative treatment-or for a king size cabinet.

Need Better Bathroom Facilities?

for remodeling



With sun decks, sunken pools, even greenhouses, some new Super-Baths seem to have been designed with Emperor Hadrian in mind—complete with hot and cold running slaves. If you can have such a set-up, go to it! But if space and/or cash are limited, and you're taking a second look at your old home with a view to multiplying its bathroom facilities, study these plans which show how to cram the usefulness of three bathrooms into about 108 square feet or less—just about the area of an old-fashioned bath, or a small bedroom in an old house. Compartmenting, of course,

is the secret, and it saves not only space, but fixtures, flooring, and duplication of plumbing as well. Literally dozens of variations are possible, and you'll notice that these plans may easily be fitted around closets in adjoining rooms. 1. The ideal way to divide a bath is to give each compartment its own exit to bedroom or hall. Here a bath-and-ahalf's worth of fixtures give you the privacy of three bathrooms in a space about 10' x 11'. 2. Again, the work of three bathrooms, this time in a 9' x 12' area. Angled tub and angled shower provide double bathing facilities. Twin lavatories could be used in shower section. 3. Two

complete baths, 10' x 10'6". Notice how an extra lavatory in adjoining bedroom backs up against tub. 4. A flex.ble bath-and-a-half. Not quite so flexible as Plan #1, but excellent if only two exits are possible. A narrow storage wall is suggested in the first compartment. 5. Three-for-two bath in a 10' x 12'4" area. Enormous storage space in one compartment could be reached from there or from hall. In most cases, wall cabinets can be built above lavatories, water closets, or both.



If you've never had a seat built into a bathtub, you'll be surprised to discover how often you'll use it. But even if you don't use it for sitting, it makes a perfect shelf for bathtub accessories.

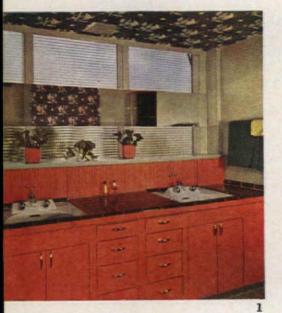


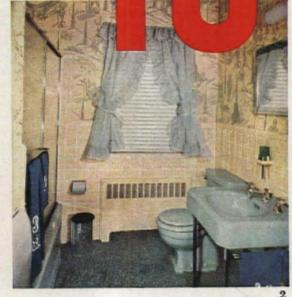


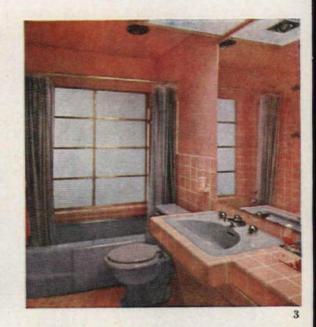


The transformation above demonstrates how an amazing amount of storage space can be tucked into a powder room area formerly squandered on a lavatory alone. Mirror doubles the space visually, and sleek laminated plastic surfaces retain their fresh complexion.

GOOD BATHS

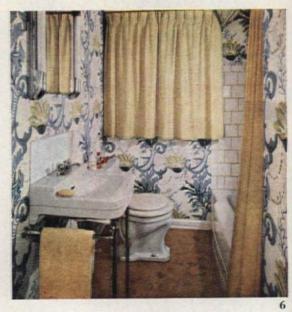






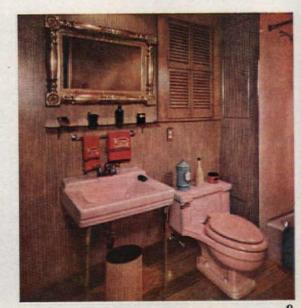






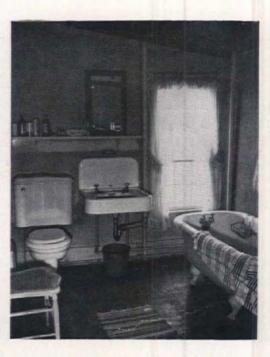






FILLED WITH REMODELING IDEAS

1. In addition to striking color, note storage arrangement, slidingdoor compartment over lavatory, mirror strip across windows. 2. Becoming new dress for old bath: bold paper, wall-to-wall carpet, glass tub enclosure. 3. If tub must be under window, use frosted glass. Note well-matched colors. 4. "Decorator" accessories, good color plan are not wasted here. Shape of lavatory bowl permits narrow counter. 5. This black and white paper is gay without loudness. Real color contrast comes from towels. 6. Gentle "freshening-up": rococo paper, tailored curtains, clever backsplash. 7. See how lavatory built-in is slanted for toe room, how red of paper is checked by other colors. 8. Excellent way to build long counter in narrow space. Don't miss role of handsome curtains. 9. Impressive mirror rings high-fashion note. "Wood" here is linoleum.





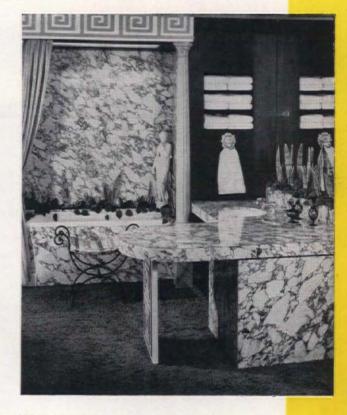
10. You needn't go "all-out" to bring a bath up to date. In this case, fixtures were replaced and tile wall added. But if you have more modern fixtures, simple redecorating can do wonders. Practical spattered linoleum, good-looking shower curtain, tiered window curtains for a tidy but lavish air, "decorator" mirror and light fixture all made an enormous difference here.



11. Want to add a shower easily? This fixture comes in a kit with install-it-yourself instructions. Different models are made to fit various bathtub faucets.

12. This very modern bath is perfectly compatible with Early American bedrooms, thanks to the "tester" effect over the lavatory, the ruffled print valance, the braided rug, the small maple accessories. And how Priscilla Alden would have loved it!





13. Guaranteed to make a woman feel like Helen of Troy. Marbelized laminated plastic is easy to handle, does many tricks too difficult to achieve with real marble.

How to Bring Your Wiring

Your Wiring System may be dangerously inadequate if:

APPLIANCES ACT SICK • Chances are they're just undernourished. If your toaster's slow to toast, iron slow to heat, if you make frequent trips to have them repaired, the fault is probably not with the appliances, but with the low voltages they feed upon.

FUSES BLOW OFTEN • In an adequately wired house, fuses should blow only if an appliance is defective—never because of overloading.

YOU HAVE MILES OF EXTENSION CORDS • Sure sign of inadequate wiring are extension cords around furniture, under the rugs, and tacked to woodwork.

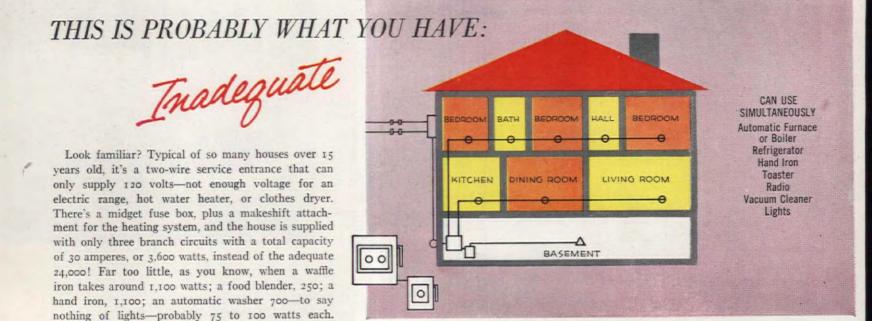
LIGHTS DIM • It's not the fault of the power company. It's just that somebody has turned on an appliance plugged into the same circuit as the lights — and there just isn't enough juice for both it and the lights.

ELECTRIC HELPERS HAVE TO TAKE TURNS • Can't use your coffee maker until the toast is made? Can't make toast while you iron? Can't iron while the washer's going? You've got inadequate wiring — but bad — and need more outlets and circuits.

ELECTRIC MOTORS BURN OUT . They'll keep burning out until they get the amount of current they were designed to use.

YOUR TV HAS THE FLICKERS • They are often a sign of low voltage to the set. You'll get more than flickers when color TV comes to your house — unless you provide a steady supply of current from a circuit that isn't drained off by overloading.

In all these cases, you need MORE ELECTRICAL CIRCUITS!



HUBBARD H. COBB and VIRGINIA E. THARET

Up-to-date



Here's what you can do about it:

You can almost skip asking yourself if your home is adequately wired—since nearly 80% of the homes in this country (including a lot of brand-new ones) are not adequately wired for today's requirements (to say nothing of tomorrow's), the chances are that you should add a few new circuits—not a major operation (see bottom of this page).

Because all of our electrical equipment wasn't anticipated a decade ago, older homes just can't accommodate it without additional circuits. But of course most of us have kept adding electrical servants anyhow, creating an overloading of circuits which, when it isn't an out-and-out fire hazard, is an expense (see opposite page).

SERVICE ENTRANCE LARGE ENOUGH?

Many people assume that their electrical service entrance (the wires connecting the house to the power company's line) is adequate if it is a "three-wire" entrance providing 230 or 240 volts as well as 115 or 120 volts. But actually, few of them have

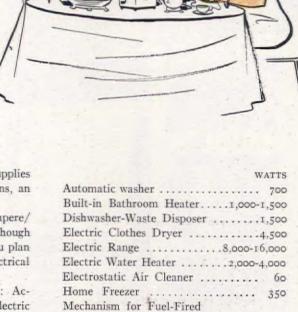
three wires big enough to bring in sufficient power for all the equipment you're apt to want.

The obsolete system found in many homes is the 30 ampere/120 volt type that supplies at most, 3,600 watts—enough for lighting, but not heavy-duty appliances.

The minimum for a small home is a 60 ampere/240 volt system which supplies 14,500 watts—enough for lighting, plug-ins, an electric range, and a water heater only.

Adequate for a small house is a 100 ampere/ 240 volt system supplying 24,000 watts, though you should provide greater capacity if you plan to install central air conditioning or electrical house heating.

Here's how the requirements line up: According to the latest standards, the electric service entrance of a 1,000 square foot house should provide at least 4,500 watts for lighting and plug-in appliances (more in larger homes) in addition to the requirements of such permanently connected major appliances (present or future) as the following:



Heating Plant 800 Room Air Conditioner (1/3 ton) ... 750

Room Air Conditioner (3/4 ton) 1,600

Water Pump 750

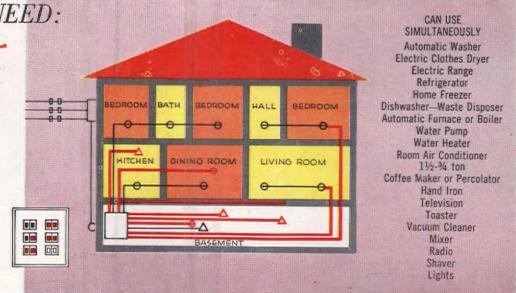
Television (black and white) 300

CONTINUED ON PAGE 117

THIS IS WHAT YOU NEED:

adequate

What a charge the same house now packs! There's a three-wire service entrance that supplies 120-240 volts and its 100 ampere circuit breaker provides the 24,-000 watts considered adequate for an upto-date small home. Ten circuits are now in use; two more reserved for those 14 new appliances anticipated before 1965. Notice that to get adequate wiring you needn't rip out all the old circuits. Here circuits were divided up and new ones were introduced where most needed—kitchen, laundry, etc.



You Don't Have to Buy a New

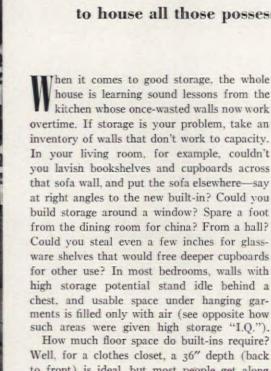
You have space... USE IT!

Got so many chattels

Most older homes have idle

See how easy it is to "steal" a

to house all those possessions



Well, for a clothes closet, a 36" depth (back to front) is ideal, but most people get along with less—as little as 24" if you don't mind mussing your crinolines. As for drawers and cupboards outside of the kitchen, the University of Illinois has worked out some invaluable measurements: most items fit well into one of three depths—12" (china, bath linens, magazines, radio, folding tables and chairs);



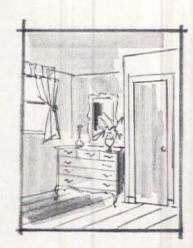
In the den of the D. A. Dykes of Phoenix, the small floor area this built-in requires never will be missed-and the built-in "makes" the room. There's a radio and cupboard space below the TV, and a loudspeaker above it. A screen for home movies rolls down from the cornice over the desk. At the right, a home office is housed: a popup typewriter, an adding machine in a closed shelf, a stationery drawer, plenty of bookshelves. Such structures can also be built around windows.

House to Get Better Storage

you don't know what to do?

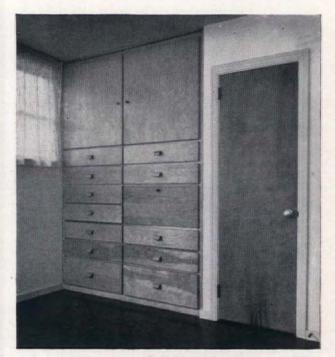
walls with high storage potential.

foot or so from a room for built-ins
that seem to be crowding you out



16" (bed and table linens, record player, portable typewriter); 24" (bedding, file drawers, luggage, sewing machine). For books, 10" is good. If possible, decide in advance the space requirements of things you want to store—finding that a unit is a few inches too shallow can almost break your heart!

Some good ready-made units are available through furniture stores and lumber dealers, but if you're designing your own, your lumber dealer can give many a helpful hint. In your planning, remember that using stock doors can save on costs, and don't overlook the accordion folding doors that are easy for amateurs to install.





Where would you store all of this?

Handsome addition to two rooms, our two-faced room-divider may be all the new "house" you need! It expertly packs in the objects below—with space to spare. TV turns to be viewed from either side; one linen tray opens on both sides; most compartments are reached from one side only. Build it from our Blueprint Construction Pattern 2078, \$1.50



You have space...USE IT!

Here's a Breakfront Room-Divider



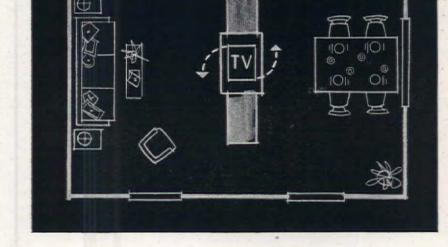
OUR BREAKFRONT ROOM-DIVIDER STORES:

TELEVISION: on turntable, so you can use it from either side HI-FI EQUIPMENT: Tuner, amplifier, record-player, large speaker RECORDS: 200 BOOKS: Several dozen LINENS: Six dinner cloths, four luncheon cloths, six sets of place mats, napkins to match all of these, and then some-kept wrinkle-free on four large trays CHINA: Complete dinner service for 12 people FLATWARE: Complete service for 12, plus serving pieces (cold meat fork, gravy ladle, lemon fork, round server, sugar spoon, salad servers) HOLLOWWARE: Coffee and tea service, waiter, ice bucket, pitcher, salad bowl, game service, vegetable dishes, candelabra, tureen, chafing dish, china figurines GLASSWARE: 12 goblets, 12 wines, 12 cocktails, 14 highballs, 14 old-fashioneds BOTTLES: 10 wine or liquor. Three cartons soft drinks

for the space-hungry, the wonder of this storage wall is that it requires no wall space, for it can separate areas as shown at your right, or stand free of walls entirely. Vital statistics about our Pattern 2078 are: length, 7'; height, 7'6"; depth, 3' at center, 2' at wings. While we designed it to serve living and dining rooms, and had experts calculate its compartments to meet the exacting requirements of the items we list, it is infinitely adaptable to other rooms and other objects.

A room-maker in more ways than one, it can, while performing its good storage job, create some of those added rooms you need. Would you like to set off a cozy den at one end of your living room? Screen your living room from a foyer? Create an entry foyer in a house that doesn't have one? Our room divider is ready to serve in these capacities and others as well.

Of course you could adapt it for one-sided performance only. and you'll notice that its simple and elegant lines, with their well articulated details, look well with literally everything.



You Can Build Yourself PATTERN ORDER FORM PAGE 125

DONALD TAYLOR

HOW TO FINANCE YOUR REMODELING

Sure you'd like to follow our suggestion to add a wing, a sleek new kitchen, a couple of baths, and so on, to your home. But how do we expect you to pay for it? On your budget? Well, first, remember that remodeling your home can be as sound an investment as buying it in the first place—and because it can add substantially to the value of your property (even beyond the dollars and cents

that it costs), banks and lending institutions finance many big and worthwhile remodeling projects in the form of mortgages, while financing for small projects is obtainable in many ways. IF YOU NEED MORE THAN \$2,500:

Take out a mortgage: If you own your home free-and-clear, you can probably mortgage it up to 663% of its appraised value.
 Refinance your existing mortgage by getting yourself an

additional mortgage large enough to pay off your old mortgage and finance the remodeling. If, for example, you owe only \$2,500 on a house worth \$10,000 today, you'll have little trouble getting a new mortgage loan of \$5,000—that is, \$2,500 to pay off the old mortgage, and \$2,500 for remodeling, less fees.

The disadvantage of ordinary mortgage financing is its slowness and expense, for it involves investigation of your ability to repay, a title search of your property, and fees that may be as high as \$200. The advantage is that substantial sums can be borrowed for from five to 20 years at interest of from 4% to 6½%. If you have a previous mortgage, the original lender will probably extend liberal credit to you. If he holds a mortgage on your home, the improvements you make protect his investment as well as yours.

3. See if yours is an open-end mortgage (or if an

open-end clause can be written into it by your

lender). This type of mortgage, popular since World War II, makes costly and time-consuming refinancing procedures unnecessary. No title search is needed. The owner simply signs an affidavit stating that no new liens have been acquired against his property. The lender will advance home-improvement funds up to the amount of the original loan. Let's say you took out a \$10,000 open-end mortgage and have reduced the principal to \$7,000. Then you may get an additional \$3,000 for remodeling. Usually, you repay that \$3,000 over the remaining term of your original mortgage, though some lenders will permit you to extend the term of your original mortgage and keep your monthly payments the same (in other words, they may permit you to make

you use it to add new living space to your home.

Because the open-end mortgage is so new, you will find that its status will vary widely from state to state. A great many mortgages, especially older ones, do not have open-end clauses, though some lenders are willing to write them in.

more instead of larger payments). If your open-end mortgage happens to be FHA-insured, you may be able, under the 1954

Housing Act, to borrow beyond the sum of your original loan if

IF YOU NEED LESS THAN \$2,500:

For sums less than \$2,500, mortgaging is not recommended because the amount of interest you pay out over a long period of years can mount up out of proportion to the loan. Try one of the following:

1. Investigate FHA Title 1 Home Improvement Loans. This program offers the least complicated way to get a moderate loan for remodeling with little red tape. Processing takes only a day or two. Launched as part of the National Housing Act of the '30s, it enables a home-owner to borrow up to \$2,500 for improvements, and FHA insures the loan. The maximum term is three years; the maximum charge permitted the lender is 5% per year discounted at the time that you borrow it. (For a \$2,500 loan, you would sign a note for \$2,874—payable at \$79.85 per month for 36 months. This charge covers all of the bank's expenses in making the loan, i.e. interest on the loan,

LOANS AVAILABLE FOR HOME IMPROVEMENTS					
Type of Loan	Maximum Amount	Maximum Term	Interest or Finance Charge	Initial Fees or Charges	Where Available
Refinancing or new mortgage financing	Depends on lender's appraisal of property	10, 15, 20 years or even more	Regular rate for mortgages (4½-6% usually)	Varies widely, up to \$200 or more	All mortgage- lending institu- tions, especially the previous lender
Open-end mortgage advance	Usually the paid-up amount on original loan	Usually the unexpired term of first mortgage	Regular rate for mortgages (4½-6%)	Normally quite small (\$10-\$30)	The mortgage holder
FHA Title I Home Improvement Loan	Normally \$2,500	3 years	5% discount per year	None	Mortgage- lending institutions
Individual plans of lending institutions	About \$3,000	Usually 5 years	5-6% discount per year	None	Lending institutions
Credit Union	Varies	Varies (3 yrs. for Federal Credit Unions)	Varies	None	Place of employment

credit checking, collection fees, plus FHA insurance premium of .65% per annum).

Title I loans are *not* granted for all projects. Under a new ruling, swimming pools, barbecues, landscaping, and a long list of other projects that FHA does not consider to be strictly home improvement are declared ineligible.

- 2. Ask About a Lending Institution's Own Plan. Over the years, Title I has proved to so many lenders that homeowners have good record of repayment, that many institutions have introduced home-improvement loan plans of their own, comparable to Title I, and sometimes more flexible in amount and length of term.
- 3. Get Title 1 or a Similar Loan Through Your Contractor or Dealer. But do this only if you know him to be reputable. Recent scandals involving the Title 1 program resulted entirely from fly-by-night characters who secured credit for unwitting home-owners to cover exorbitantly priced remodeling projects.

 4. Buy on a Short-Term Plan. Like auto and furniture dealers, many lumber dealers and contractors now encourage



"7 good ways to be an angel!"



cake! It's a dessert all by itself . . . and such an easy one with new Betty Crocker Angel Food Cake Mix. Contains the whites from 13

ping cream, add ¼ cup sifted confectioners' sugar, ½ tsp. peppermint flavoring, red food coloring. (For fun, put a toy angel on cake!)



Betty Crocker OF GENERAL MILLS

"Hello, there! Feel like doing something special, for somebody special? Then I hope you'll try one of the new ideas on these pages—because we made them up 'specially for you! They're easy as easy ... you make them with our Betty Crocker Cake Mixes. And we make our mixes with good things like famous Softasilk Cake Flour, creamy-soft vegetable shortening and only the finest flavorings, so every cake you bake will be sure to turn out perfect. Bake one today, why don't you? Then just wait! Somebody's sure to say it-'You're an angel!"

P. S. Have you tried our NEWEST flavors -Peanut Delight and Chocolate Malt?







Betty Crocker says: "I guarantee a perfect* cake every time you bakecake...after cake...after cake!"

*PERFECT? Yes, we DO mean perfect. If a cake you bake with a Betty Crocker Cake Mix is less than perfect, mail the box top to Betty Crocker, Box 200, Minneapolis, Minn., and General Mills will send your money back.





Family Food in this season should take advantage

of every short cut there is. Try these

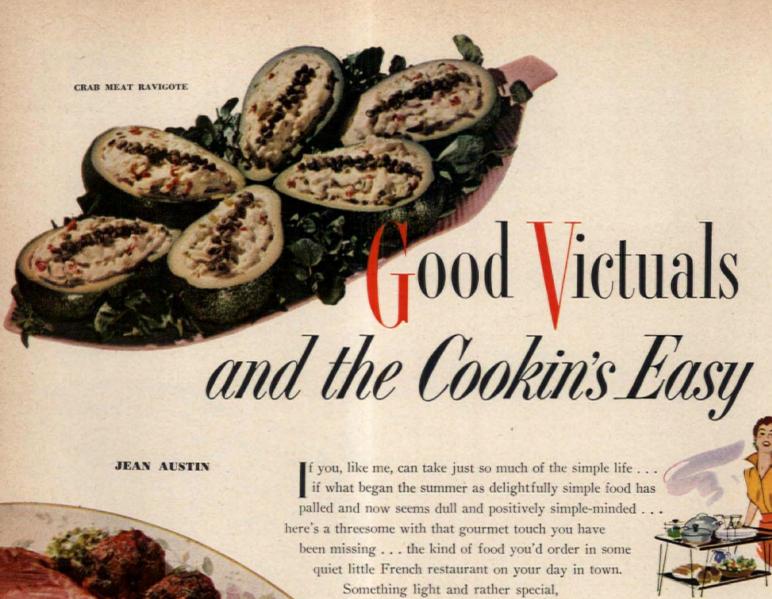
four on your family, and they'll never

begrudge you your leisure!

JEANNIE WILLIS and ANNE BARNARD

The American male has every reason for his devotion to corned beef and cabbage—a fact you'll remember when you dip into this CREAMED CORNED BEEF AND CABBAGE. Not the Jiggs and Maggie authentic, it's a quick, summertime version Momma can make to keep Poppa at home. Good eating—and the cookin's easy!

If you still look well in your bathing suit, you can treat yourself to CAFÉ AU CREME QUEBEC. If you don't, that's no excuse for denying to the non-dieters in your family the full and frequent enjoyment of this delicious dessert that demands only 15 minutes of your time to prepare, from start to finish. Make it up often, in the cool of the morning, using a cup of breakfast coffee as its base. It cools all day happily in your refrigerator.



to tempt hot weather appetites. Very good and quite expensive, that luncheon très jolie, that little dinner à deux.

Well, my little lady, if I have hit upon your mood this sultry day; if thou dost think to scream should one limp cold cut, one more 'burger pass your vision; here's your answer, here your little dinner, here the perfect luncheon—no chit the grand finale.

RECIPES ON PAGE 91

COLD BAKED VIRGINIA HAM SLICES, HOT ALMOND-WINE SAUCE AND GARNI OF LITTLE TOMATOES ROLLED IN MUSTARD, HORSERADISH, AND CHOPPED DILL



For details about table appointments, see "Where Credit Is Due," page 124



What's so new about Instant Swans Down Cake Mixes?



ALTOGETH

JUST MIX ...

To contents of package, add all at once 1 cup water 2 unbeaten eggs Beat 3 minutes until smooth and creamy.

AND BAKE

Preheat oven to moderate heat (350°F). Line bottoms of pans with paper.

PAN SIZES

• There's only one simple mixing step . . . Instant Swans Down, eggs and water go in the bowl all at once Only one quick beating . . . so easy you can even do it with a spoon Only mixes containing famous Swans Down Cake Flour . . . so you bake moist and fine and rich cake-flour cakes every single time . The only instant cake mixes in the whole world. They're "Swansational"!

Another fine product of General Foods

Look! The best tasting cakes of all ... and the easiest of all to make!

Good Eating— and the

Take a Can, a package, a jar—and greet
unexpected guests with a smile. Here are four
good entrées and a covey of cool drinks you can
produce in minutes from things you have on hand

Exactly five minutes of preparation, then into the oven—and our CORN CASSEROLE emerges to companion a roast, to follow up your favorite blend of soups-from-a-can, or to serve as a meal in itself. As the featured attraction of a last-minute meal, it can be supported by hot rolls (also from a can), a well-dressed mixed salad, and a dessert of fruit with cheese or cookies—all of which will be found in any well-stocked pantry and refrigerator.

For details about table appointments, see "Where Credit Is Due," page 124

RECIPES ON PAGE 87



New easy, thrifty way to "cream" your coffee!

PREAM

100% DAIRY PRODUCT IN INSTANT POWDERED FORM!

Rich and delicious! Made entirely from fresh, sweet cream and other milk products — nothing added!

Never sours! Never "turns"! When opened for regular use, Pream stays fresh tasting to the last spoonful. Keep handy in cupboard or refrigerator.

So economical! Costs about 1/3 less per serving than coffee cream!

Less calories! Only about half as many calories as if you used coffee cream.

Instant dissolving! Put Pream on top of your cup of hot coffee or tea. Stir and enjoy! Get Pream today!



Here's a trick for freezing individual portions of stew tidily.

Using a recipe recommended for freezing, cook up a batch of stew or some casserole dish. Cut squares of foil three times the diameter of ramekins. Line ramekins with foil while stew cools



HOW TO FREEZE WHEN YOU STEW

MIRIAM OWEN



Fill foil-lined ramekins with stew. When cooled, freeze the whole business, unwrapped. When frozen solid, slip the stew-filled foil out of the ramekins. Seal by folding over edges of the foil. Stack in your freezer. The ramekins are now free for other uses



Comes the time for an effortless meal, haul out the ramekins and as many portions of stew as you need. Unwrap the foil from the frozen casseroles, and slip them into the ramekins. They will thaw and get bubbly and good in a moderate oven in about 45 minutes



Your Republic Steel Kitchens dealer can adapt this lovely kitchen to your home.



STEP INTO MY

Take-it-easy Kitchen

...and you'll find a wonderful new world of efficiency and charm!

What makes this Republic kitchen so "easy to take"? First, the plan, which helps you organize your energy. Everything where you want it, when you want it, as you like it. Second, the line of modern cabinets, so varied in size and features you can make your kitchen fit you. Third, counter tops of practical coved Formica on durable steel. Fourth, accessories that ease your kitchen chores. Fifth, color accent on counters and walls—and beautiful fresh-white Perma Finish Enamel that lives happily ever after in any surroundings. Sixth, the low cost of a Republic Steel Kitchen. Here's "beauty and the budget" at its best!





YOU'LL FIND THE "HEIGHT OF CONVENIENCE"!
See how Republic's adjustable shelves cater to your own height, put everything within your "comfort reach." More take-it-easy touches are apparent in this spice shelf and handy cup rack.



YOU'LL FIND SOME DELIGHTFUL "INNER SECRETS!" Just open the door, pull up the shelf, and presto! your mixer pops into sight and into use. Flick the release, wave your hand, and it does a disappearing act right under your counter. And, hidden behind the doors of the adjoining cabinet are not just shelves, but inner drawers that slide out magically on quiet nylon glides. Supernatural? Nope — just super!



you'll FIND A "COZY CORNER." This lazy susan cabinet corners every inch of space, swings around at fingertip beckoning. Republic turns the trick, too, with these clever shallow drawers—just the parking space for cutlery, silverware and linens.



NEW PLANNING BOOKS: For remodeling, "101 Ways To Make Awkward Kitchens Behave"; for new homes, "Praise-Winning Kitchens." Send 25c for one, 40c for both, with your address to Republic Steel, Berger Division, 1086 Belden, Canton 5, Ohio.



NOW! Just Stir ROYAL Instant Pudding Into Corn Syrup for Rich, Fudge-y

Homemade Sundae Sauce

Absolutely NO COOKING!

Ready to Serve in One Minute...Less Expensive than Canned Sauce with all the Rich Goodness of Homemade!



BUTTERSCOTCH SAUCE: Stir contents of 1 package ROYAL Instant Butterscotch Pudding into 1 cup light corn syrup. Stir in two tablespoons water. (For extra rich sauce, add 2 tablespoons melted Blue Bonnet Margarine or butter.) Makes 1½ cups sauce.



chocolate sauce: Stir contents of 1 package ROYAL Instant Chocolate Pudding into 1 cup light corn syrup. Stir in ¼ cup water. For extra rich CHOCOLATE FUDGE SAUCE, reduce water to 2 tablespoons and add 2 tablespoons melted margarine or butter. Makes 1¼ cups sauce.

WARNING! You can hardly believe, when you see and taste them, that such sauces—so rich in body and flavor—could possibly be made without cooking. But remember—you must use only ROYAL Instant Pudding and light corn syrup. For only light corn syrup has just-right density for the mixture and only ROYAL Instant Pudding is both pre-cooked and super homogenized for smooth blending without cooking.

HOMEMADE ICE CREAM, POPS AND CUPS

Quickest, Easiest Ever . . . with ROYAL Instant Pudding

RECIPES ON EVERY PACKAGE

Royal

CANNY

During the next few months, some 20,000,000 American women will "put up" the season's bounty.

There are no radically new methods, but here's a handy "do" and "don't" review for home canners

At our house, at least, the annual canning sessions are strictly a pleasure—projects for country Saturdays when we do small batches at a time, and are rewarded by the sight of shelves gradually filling up with good things. Sometimes we make a canning bee of it, a custom that started during the war in our neck of the woods: several families get together and share the work—and the wealth.

We don't bother with foods that are just as good, and just as cheap, "store-boughten," for it's more fun to concentrate upon favorites that seem to taste better our own special way. It's fun, too, to pay special attention to the "gift shelf"—a jar of your own tomatoes or pickles, prettily wrapped, and accompanied perhaps by the recipe, is a gracious way of saying "get better soon," or "thanks for inviting me," or "Merry Christmas to you!"

If you're a novice, the following tips (many of which apply to jelly and jam sessions) will help to make canning a pleasure and

> a safe one. There's nothing radically new, for no *safe* innovations have developed since the pressure cooker arrived to make home canning both safe and simple.

> DO, above all, follow instructions to the letter (see a reli-

able cook book, or obtain them from jar manufacturers, the U.S. Department of Agriculture, and other sources).

- DO insist upon the utmost cleanliness
- DO take it easy! Don't attempt to can too much at a time.
- · DO check all your equipment before you begin.

See "Where Credit Is Due," page 124

CAKE PAN LINING



This may not be the simplest way of "greasing" a pan—but it insures against the distress of a "stuck" cake. First, grease the pan. Then cut waxed paper as shown. Place the first strip in greased pan. Grease, the paper. Then line pan with second strip of waxed paper, placed so as to cover cuts in first strip

TIPS



JUNE TOWNE

- DO remember—"boiling" means vigorous bubbling—not just simmering.
- DO use only those jars recommended for home canning.
- DO use rubber rings of top quality.



- DO begin timing your pressure cooker when all air is exhausted from the cooker and the steam flows freely.
- DO begin timing a waterbath as soon as the water boils rapidly.
- · DO fill your water-bath

container to a point one inch above the tops of your jars.

- DON'T can low-acid vegetables, fish, meat, or poultry except in a pressure canner. (Deadly bacilli botulinus may get you!)
- DON'T try to salvage anything from a spoiled batch or spoiled single jar—not even the jar! Discard the whole business, well out of the reach of youngsters and pets.
- · DON'T use rubber rings a second time.
- DON'T hold produce over from one canning to the next. If you must put off your canning, refrigerate the foods.
- DON'T use over-ripe or imperfect produce.
- · DON'T delay between the canning steps.
- DON'T open processed jars to add more liquid. If some liquid boils out during canning, seal the jar as is. If you open it, you'll let air and bacteria into your sterilized product.
- · DON'T pack jars too full-follow "head room" directions.
- DON'T forget to complete the seal at once after processing if a partial-seal cover was used.
- . DON'T set a hot jar on a cold surface or in a draft.
- DON'T FORGET TO FOLLOW DIRECTIONS!

GARLIC CHEESE RING



Melt ¼ cup butter; add 2 finely sliced cloves of garlic. Separate 1 package refrigerated ready-to-bake biscuits. Brush tops of biscuits with garlic butter, and arrange on cookie sheet, overlapping biscuits to form a ring. Brush again with garlic butter; sprinkle with 4 tbs. grated Parmesan cheese



- You hear a bigger whoosh
 - You smell a fresher aroma
 - You taste an extra richness

Why? Because Chase & Sanborn "Dome Top" Coffee is fresher than any other leading brand. It's the only one that's pressure packed. And pressure packing preserves coffee freshness and flavor better than vacuum cans or bags.

Chase & Sanborn Coffees are served by more fine hotels and restaurants throughout America than any other brand.

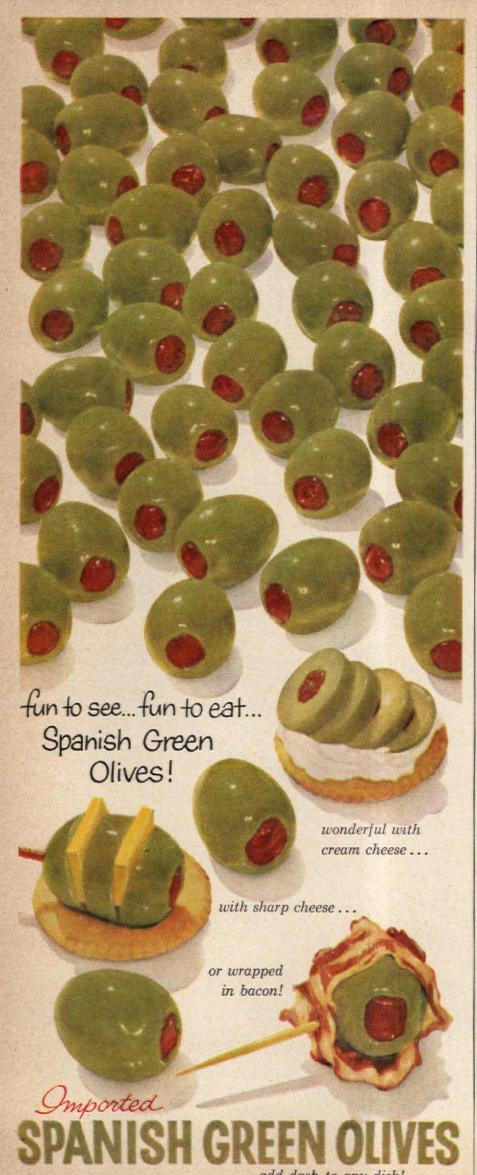
Chase & Sanborn

THE COFFEE THAT



Now! Chase & Sanborn's Delicious Flavor yours in the NEW FULL-BODIED INSTANT

First instant coffee so full-bodied it makes truly satisfying breakfast coffee!



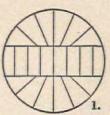
Need a glamor dessert in a hurry? Send to the store for an 8" layer cake and a quart of ice cream. Cut cake into 10 wedges. On large serving plate, arrange 7 wedges in a star, as shown (the remaining wedges make additional portions), and fill center of star with balls of ice cream. With a white-iced golden cake, try strawberry ice cream; with chocolate-frosted cake, pistachio or coffee. This trick is worthy of your best homemade cake, too.



CUT IT FINE

Data: American Institute of Baking

When you serve up a large cake, does clumsy cutting ever spoil it for you? Ever have trouble in calculating the number of servings a cake will yield? Then save these good tips. First, the geometry for cakes too large to be cut in wedges in the usual way. 1. A 10" two-layer cake offers 20 servings this way, and you can apply the same principle to cut 26 portions



from an 11" cake, 30 from a 12", or 40 from a 14". 2. Prefer to have all the portions wedge shaped? Then apply this pattern to get 36 servings from a 12" or 13" layer cake. 3. Loaf cakes can yield attractive wedges in this manner. 4. Instead of the usual squares and oblongs, cut wedges from a

cut wedges from a sheet cake. Here an

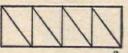
18" x 25" cake gives 48 servings.

The keenness of your cutting is as important as its geometry. Here are some excellent ways to keep it trim:

Cut batter cakes with a sharp, thinbladed, straight-edged knife. Trick is to keep blade free of frosting and crumbs

by dipping it into warm water before making each cut.

Fruit cakes require the same treatment. You can cut thin slices if the cake has been refrigerated. Use a slow, sawing motion when you cut it.



Foam-type cakes may be neatly cut with a serrated knife, using a slow, sawing

motion. After the first 4.

well by them. Dip breaker's prongs into water, then press prongs gently through cake and turn the handle until cake separates—slice will cling to side of cake breaker while you transfer it to serving plate.

Jelly Rolls may be neatly cut with a heavy white thread: place a 15" length of thread under the roll where you want to slice it; then bring ends together up over the top of the roll, cross thread, and pull it down quickly to cut through the cake roll.



A JELL-O SALAD



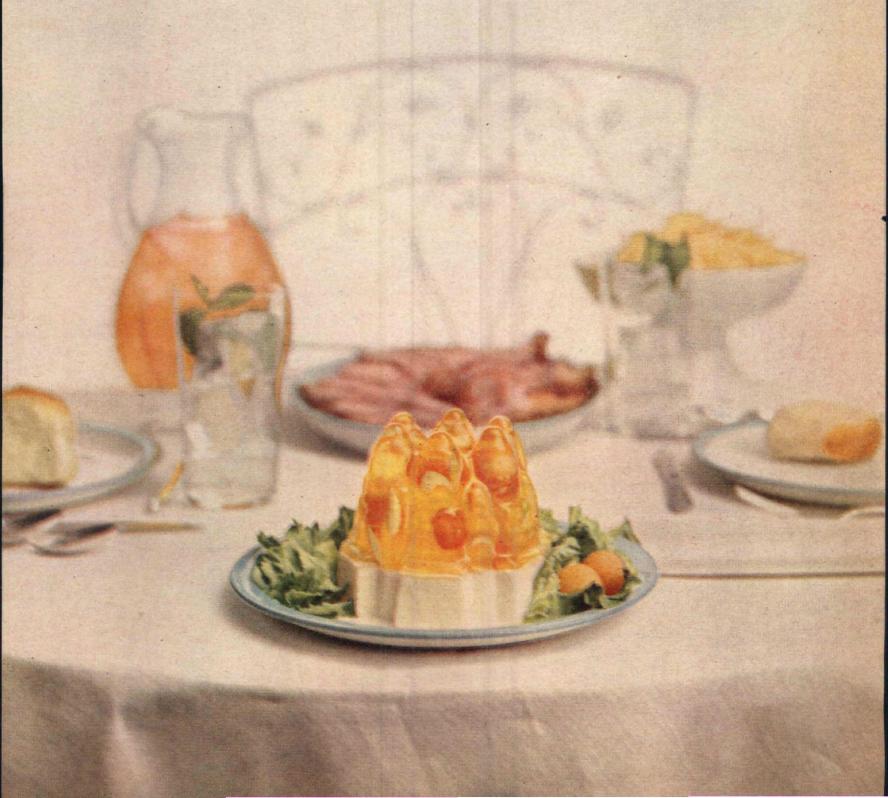
OF GENERAL FOODS CORPORATION

MAKES THE MEAL

CANTALOUPE-NUT SALAD

1 package Lemon Jell-O • Dash of salt
1 cup hot water • 1 cup cold water • 1 teaspoon lemon juice
1 cup small cantaloupe balls • ½ cup sliced celery
½ cup finely slivered almonds • 1 package (3 ounces) cream cheese
2 tablespoons mayonnaise

Here's a cool, cool warm weather item! Dissolve Jell-O and salt in hot water. Add cold water and lemon juice. Chill half of Jell-O until slightly thickened. Fold in cantaloupe, celery and almonds. Pour into 6 individual molds. Chill until almost firm. Mix cream cheese and mayonnaise together until smooth. Gradually blend in remaining Jell-O. Gently pour over layer in molds. Chill until firm. Unmold on crisp greens. Serves 6.





M-m-marvelous homemade peach jam in only 11 minutes cooking time!

MAKE IT TODAY-SERVE IT TONIGHT!

(Yield: 9 medium glasses—cost: mere pennies a glass)

3 pounds fully ripe peaches

1 box Sure-Jell fruit pectin*

5 cups sugar

1. Peel and pit peaches. Crush thoroughly or grind to yield 4 cups prepared fruit. Mix Sure-Jell with prepared fruit in very large saucepan. Measure sugar and set aside.

2. Put saucepan over high heat. Stir until mixture comes to a hard boil. Stir in sugar at once. Bring to a full rolling boil. Boil hard for 1 minute, stirring constantly. 3. Remove from heat. Stir and skim by turns for 5 minutes. Ladle quickly into glasses. (No paraffining necessary if used in 2 months—just cover and refrigerate.)

*or if you prefer Certo liquid pectin, use recipe attached to bottle.







Perfect results every time! You can make peach jam full of fresh fruit flavor. Even if you've never made any before! HOW? Use either Sure-Jell or Certo!

What are Sure-Jell and Certo? Both are natural fruit pectins. And pectin is the substance that makes jam and jelly "jell." By following exactly the simple recipes with Sure-Jell or Certo, you're sure of getting just the right amount of pectin for perfect jam and jelly!

Make your favorite jams or jellies any time of the year! Use Sure-Jell or Certo with canned, bottled, or frozen fruits and juices.



Your choice! SURE-JELL

powdered natural fruit pectin

or **CERTO**liquid natural fruit pectin.

roducts of General Foods

tuna chowder

Preparation time: 10 min.

r can tuna fish
4 cup chopped onion
1 tbs. flour
1/2 tsp. salt

cup water cup diced Cheddar cheese 1 qt. milk 1 bouillon cube Dash pepper

pepper, and • Drain oil from tuna fish and use oil to fry onions. Stir in flour, salt, I milk. Add bouillon cube, water, and cheese. Heat to serving temperature. chopped parsley or chives.

Serves 4

295 cal. per serving

Source of Vitamins A, B

Tested in THE AMERICAN HOME KITCHENS

Submitted by Mrs. Ralph E. Gibson

summer drinks

Preparation time for all recipes: 5 min.

I tbs. dry milk powder Dash nutmeg Source of Vitamins A, C I cup cracked ice I ths. sugar 300 cal. per serving ORANGE FROST

1 can (6 oz.) frozen orange juice
1 cup pineapple chunks

Serves 2 GRAPE FIZZ

.Dash nutmeg 110 cal. per serving

r cup grape juice

11/2 cups milk

I cup orange sherbet

Nource of Vitamins A, B 1/4 cup prepared marshmallow sauce 300 cal. per serving PEANUT BUTTER SHAKE

 Method—To make any of these recipes, place all the ingredients in glass container of electric blender. Cover container and run blender until contents are smooth. COFFEE MAPLE

milk, finish • Blend coffee, syrup, glasses, add ice cream; Serves 2 ½ cup strong coffee 1 tbs. maple syrup

and ice in an electric blender until smooth. Half fill filling glasses with carbonated water. 1 tbs. dry milk powder 1/2 cup cracked ice

Source of Vitamin A 110 cal. per serving

All Recipes Originated in THE AMERICAN HOME KITCHENS

corn casserole

Preparation time: 5 min. Baking time: 25 min.

cans whole kernel corn

6 slices bacon, cut up 2 pimientos, sliced

• Arrange corn in quart baking dish, place pimiento and bacon down center. Bake in moderate oven 375° F., for about 25 minutes or until bacon is crisp.

Serves 5

161 cal. per serving

Source of Vitamins A, B

Originated in The American Home Kitchens

café au crème quebec

Preparation time: 15 min.

marshmallows, cut in quarters cup strong black coffee

24

cup heavy cream tbs. chopped pecans or shaved chocolate

Whip cream and fold into coffee mixture,

which has thickened. Pour into sherbet glasses and top with pecans or chocolate,

Cool.

marshmallows in the coffee.

Chill and serve.

(Family Food, pictured in color on page 74) (Take a Can, pictured in color on page 78)

American Home Recipes

Source of Vitamin A

240 cal. per serving

Serves 6

Tested in The American Home Kitchens

american home baked beans,

Preparation time: 5 min. Baking time: 30 min.

beans ½ cup American cheese, cubed ½ cup pickle relish I can (family size) pork and

1 tsp. Worcestershire sauce 1 tbs. dark brown sugar 1/2 tsp. dry mustard

30 min. in 1 qt. greased casserole dish for · Combine all ingredients and bake 375° F. oven.

in a

Serves 4

Vanilla ice cream Carbonated water

215 cal. per serving

Source of Vitamins A, B

Originated in The American Home Kitchens

Preparation time: 2 min. Cooking time: 5 min. without extra sauce • steaks on the double

seasoning 2 pkgs. frozen steaks with barbecue can stewed tomatoes with

I (6 oz.) can tomato paste 1/2 tsp. tabasco sauce

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THE AMERICAN HOME, Dept. J-55

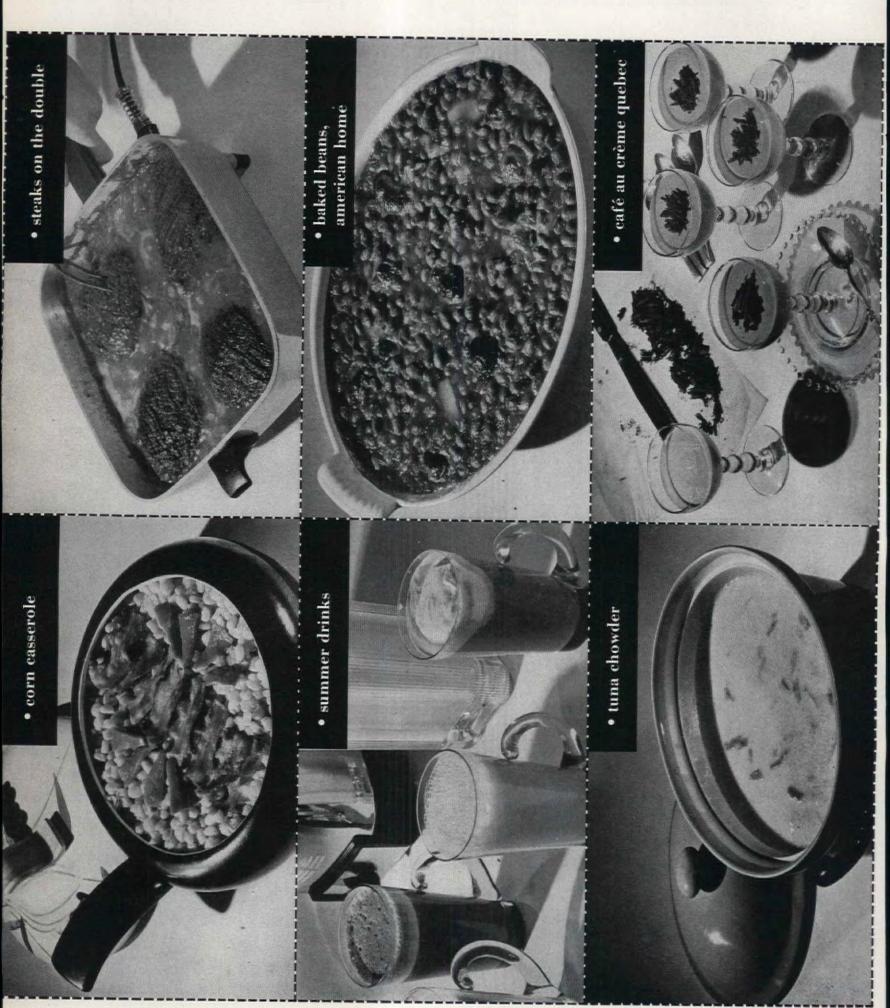
American Home Building, Forest Hills, N. Y.

Brown steaks until sauce bubbles through meat. For additional sauce, add remaining ingredients and let simmer for 30 min.

Source of Vitamins A, B, C 460 cal, per serving with extra sauce Serves 4

Originated in THE AMERICAN HOME KITCHENS

American Home Recipes (Take a Can, pictured in color on page 78) (Family Food, pictured in color on page 74)



Let your neighbors tell you about TIMKEN Silent Automatic Oil Heat



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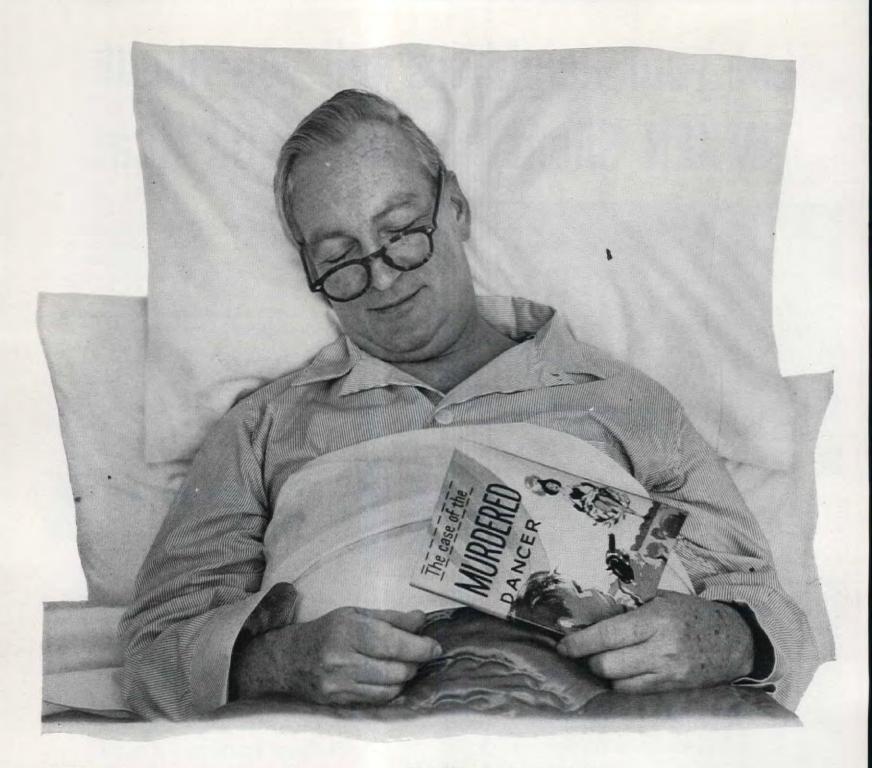
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*" Dacron" is Du Pont's registered trade-mark for its polyester fiber



Better Things for Better Living . . . through Chemistry

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DACRON®

choffee mousse au rhum

• Oil and chill a 1½ quart melon mold. Line cold mold with 1 qt. coffee ice cream, packing the ice cream firmly around the mold. Chill. Now add a layer of Rum Raisin ice cream (about 1½ pints) and chill again. Last, 1 pint chocolate ice cream. Cover top

of filled mold with buttered waxed paper before putting on lid. Freeze. Unmold and decorate with finely ground coffee (drip grind or instant coffee). Cut in wedges, so that each portion contains all 3 flavors of ice cream.

RECIPE ORIGINATED BY JEAN AUSTIN

hawaiian pineapple

Preparation time: 20 min. Baking time: 5 min.

can prepared pineapple pie filling

Meringue

- - tbs. toasted coconut

1/3 cup sugar

- 1/2 tsp. lemon rind, grated 1/4 tsp. cream of tartar 3 egg whites 1/4 tsp. salt jar strained or puréed bananas tbs. lemon juice
- Bring pie filling, bananas, and lemon juice to boil in a saucepan. Let simmer 2 to then add salt and cream of tartar; continue to beat, gradually adding sugar and lemon rind, until meringue forms peaks. Top pie with meringue and sprinkle with coconut. 3 min. Pour into baked pie shell. Make meringue by beating egg whites until frothy, bake in 450° F. oven for 5 min.

Serves 9

200 cal. per serving

Source of Vitamins A, C

Originated in The American Home Kitchens

apple and celery salad

Preparation time: 10 min.

- 1/2 cup canned pineapple, diced cup diced apples I lemon, juiced
- 1/2 cup American cheese 2 tbs. mayonnaise Salt, to taste I tsp. sugar
- Combine all ingredients and chill. Serve on salad greens.

Serves 4-6

190 cal, per serving

Source of Vitamins A, C

Tested in The American Home Kitchens

Serves 4

Submitted by Mrs. Milton Russell

erab meat ravigote

Moisten with 1/4 cup tarragon or herb vinegar and marinate 20 minutes in a cool · Flake I lb. cooked crab meat. place.

Drain off vinegar, pressing lightly, add salt and pepper to taste.

American Home Recipes

Toss lightly to blend. Pile mixture into scooped-out halves of avocados. Cover with thin coat of mayonnaise. Decorate with well-drained capers, Serve very cold on a bed

of watercress.

sweet gherkins

1/2 cup mayonnaise

Add: 3 tbs. finely chopped pimiento 2 tbs. " chives

(Family Food, pictured in color on page 74) (Good Victuals, pictured in color on page 76)

RECIPE ORIGINATED BY JEAN AUSTIN

virginia ham slices cold baked

COLD BAKED VIRGINIA HAM SLICES WITH HOT ALMOND-WINE SAUCE

- 1/2 cup slivered almonds 1/2 cup seedless raisins (washed) Dash cayenne pepper 2 tsp. cornstarch (dissolved in cold water) 1 tsp. dry mustard 2 tbs. brown sugar 1/4 tsp. powdered ginger 1 tsp. grated lemon peel 1 cup Port wine 1/2 cup pineapple juice 2 tbs. lemon juice · Simmer 10 min.
 - 2 whole cloves
- Remove from heat, Add 4 tbs. grape or currant jelly. Serve with garni of tomatoes

(see recipe).

GARNI OF TOMATOES

- Mix:
- 1 (6 oz.) can Italian tomato paste 1 tsp. dry mustard r tsp. sugar
- ½ tsp. salt 1 tbs. tarragon vinegar 1 tbs. drained horseradish

Peel very small tomatoes and drain on paper. Roll tomatoes in above sauce until well coated and sprinkle with finely chopped dill. (Excellent with any cold meats or sea food.)

RECIPE ORIGINATED BY JEAN AUSTIN

beef and cabbage creamed corned

tbs. butter or margarine

3 tbs. flour

i tsp. salt i tsp. dry mustard

Preparation time: 15 to 20 min. Cooking time: 15 to 20 min.

I small head cabbage, coarsely chopped I large can evaporated milk

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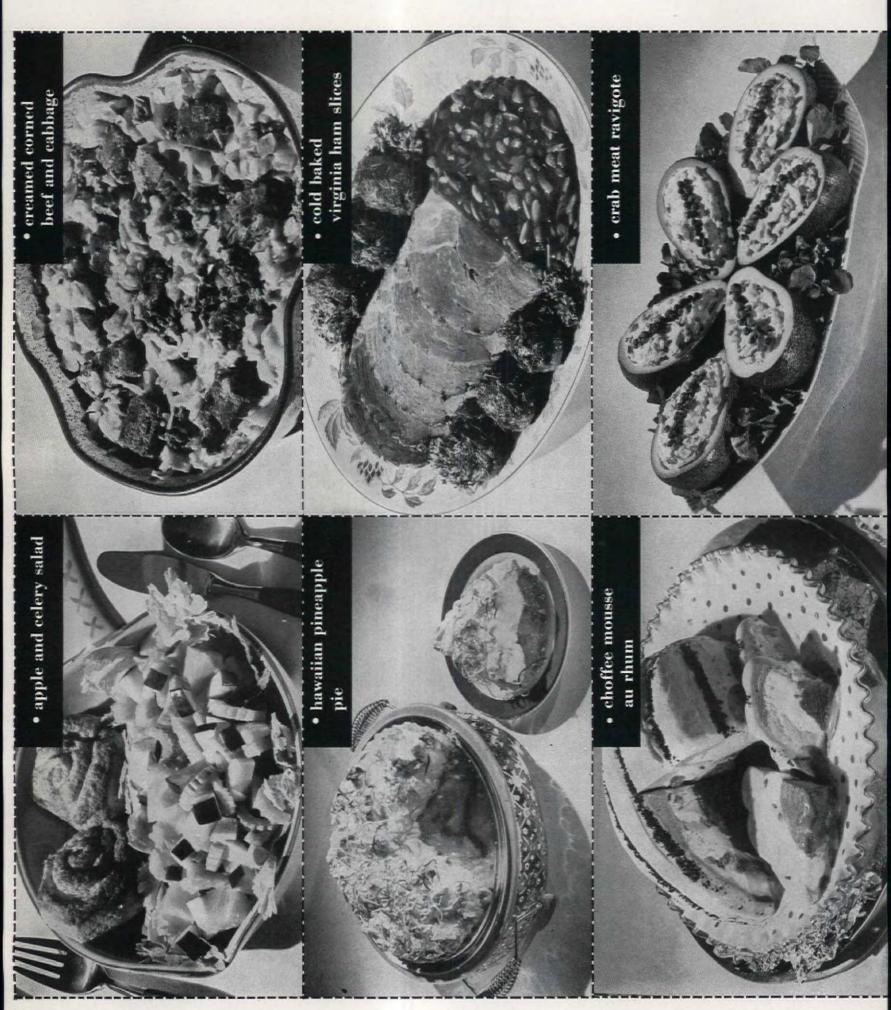
- 14 cup evaporated milk 14 cup water
- 1 can corned beef, broken into pieces
- Cook cabbage in 14 cup evaporated milk and 14 cup water, in covered pan. Combine · Melt butter or margarine in saucepan over low heat. Stir in flour, salt, and dry mustard. Then add the can of milk gradually. Cook until thick, stirring constantly with cream sauce and corned beef. Mix thoroughly. Heat to serving temperature.

410 cal. per serving

Source of Vitamins A, B, C

Tested in The American Home Kitchens

American Home Recipes (Good Victuals, pictured in color on page 76) (Family Food, pictured in color on page 74)



BUILT-INS TEACH AN OLD HOUSE NEW TRICKS

and make even a new house more livable with WELDWOOD FIR PLYWOOD

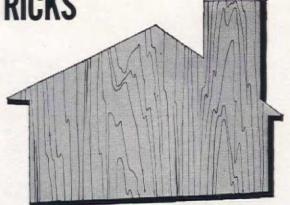
Here are 10 do-it-yourself ideas for a more relaxed, carefree family life!

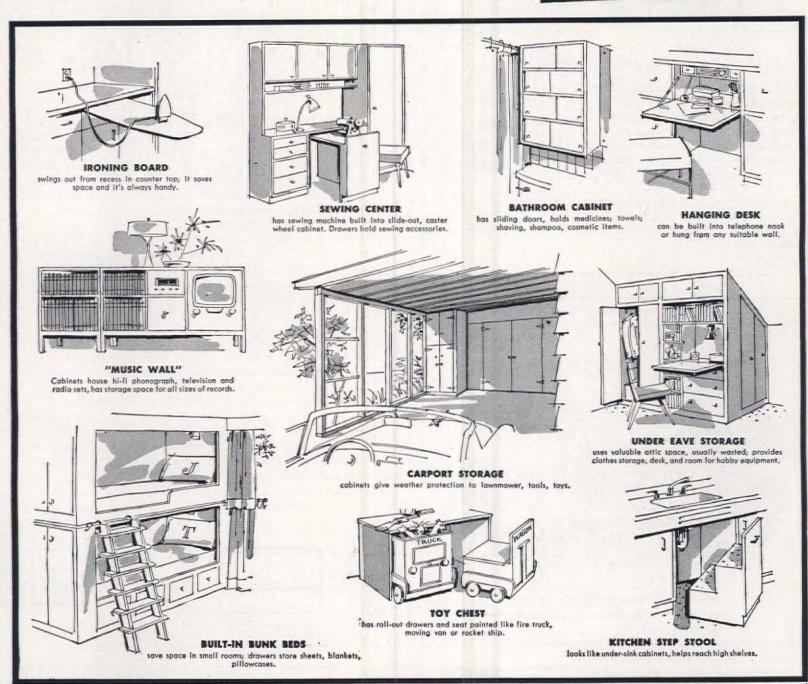
Built-ins made with easy-to-use Weldwood Fir Plywood can save Mom hours in "picking-up" time around the house. When there's a place for everything you'll be amazed at how much less housework there is to do. Rooms actually look larger, too.

And built-ins like these are easy to plan, easy to make with superior Weldwood Douglas Fir Plywood. Even if Pop is strictly a hammer-and-nail carpenter, he can turn out finished

work that will make the whole family glow with pride!

See your lumber dealer this week end; he'll be glad to help you plan your built-ins. And insist on the best-Weldwood Fir Plywood. Your job will be easier, your results finer.





BECAUSE house plans and room dimensions vary so widely, we do not have detailed plans or patterns for the built-ins sketched here. However, we do have a brand-new 40-page "Weldwood Do-It-Yourself" booklet that shows how to make plywood joints, how to finish plywood, how to wood-panel a room, what tools you need; discusses glues and how to use them; has dozens of pictures of finished projects. You're sure to find exciting, useful ideas for your home-so send the coupon today for your copy!

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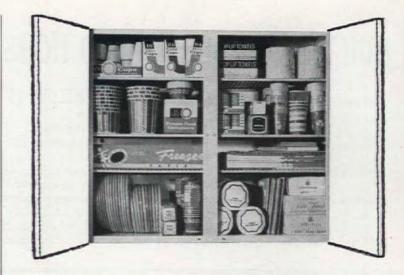
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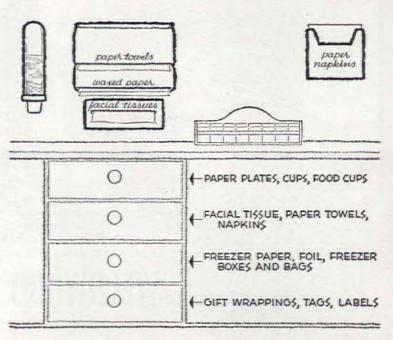


Packed with Paper

MIRIAM OWEN

At your house, you probably stock paper goods of various types—but do you have a good "stock room" for them, so you'll know where each item is when you want it—and discover dozens of work-saving tricks paper goods will perform? Here are two suggestions for arranging a well-provisioned paper cupboard or chest. Ideally located in or near the kitchen, it will harbor willing helpers for your dish-up, tidy-up, and fancy-up whims—always at your beck and call.

Back at the start of the outdoor season, you probably bought a supply of paper plates and cups for picnics. But is their nesting place handy enough to inspire you to use them to save work at other times, too? Stash a supply of party-mood doilies in your paper center, and you'll find the party mood upon you more often-try wrapping a paper doily, nosegay style, around a cupcake, for instance, or use it to pretty up other daily desserts. Here's the place, too, for your extra paper table cloth and your everyday napkins and place mats. If your paper center is your freezer-supply center as well, you're apt to "feed" your freezer more often by cooking double quantities without double trouble -and you'll discover, too, how handy a waxed freezer container can be when it comes to transplanting small plants. Make this the supply depot for your paper towels, toilet tissue, and facial tissue, and you'll never run short of these necessities. Keep your string and cord here, and you won't have to search for them. And what better place could there be for your gift-wrapping paraphernalia-to tempt you to trim up that jar of pickles you're taking to Aunt Sue?



SEE WHAT WINDOW BEAUTY CAN DO FOR YOU

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NO READY-MADE PLAN IS IDEAL FOR YOU-

Your kitchen should be tailored to your space, your family, your way of life (see page 51)

BASIC WORK AREAS

All good kitchen plans should include these:

COOKING AND SERVING CENTER (range). If possible, locate it near food preparation center. Store cooking utensils nearby.

MIXING AND PREPARATION CENTER near range or refrigerator. Requires at least three or four feet of counter. Store all mixing, measuring, baking utensils here. Also dry groceries, seasonings. REFRIGERATION CENTER. Put it near mixing center and you'll save steps in preparing fresh foods; or put it near the sink, and you'll save steps when you wash food before refrigerating.

CLEAN-UP CENTER (sink, dishwasher). Ideally, this should be between range and refrigerator. Store dishwashing and clean-up supplies, vegetable brushes, paring knives here. You'll save time after dishwashing if everyday dishes and glassware are stored nearby. Utensils for cooking with water (coffee pots, double boilers) can go here, along with such non-refrigerated vegetables as potatoes that you wash before preparing.

WHAT SHAPE ARE YOU IN?

See page 51 for three basic plans—a variation of one of them will suit your requirements. Important things to remember:

- Range, refrigerator, and sink should form a step-saving triangle. Provide each center with storage and counter.
- Compactly planned work areas in small space can be more efficient than a large, spread-out plan. Islands and peninsulas avoid spreading out.

IS A TWO-WALL PLAN dictated by your space? Then try to put refrigerator and range on one wall and the sink halfway between them on the opposite wall, perhaps under a window.

WANT AN L-SHAPE? Put the refrigerator on one arm, the range on another, and the sink between the two.

THE U-SHAPE is wonderful if you have three walls to work with. There are countless variations, one of which we show on page 56.

Another variation, frequently used, places the sink in the center and the range and refrigerator on either arm of the U.

Both the L and U necessitate work and storage areas that turn corners, a great advantage as far as convenience goes—but hard on the budget because you must either waste potential storage space in the corners or invest in luxurious corner cabinets.

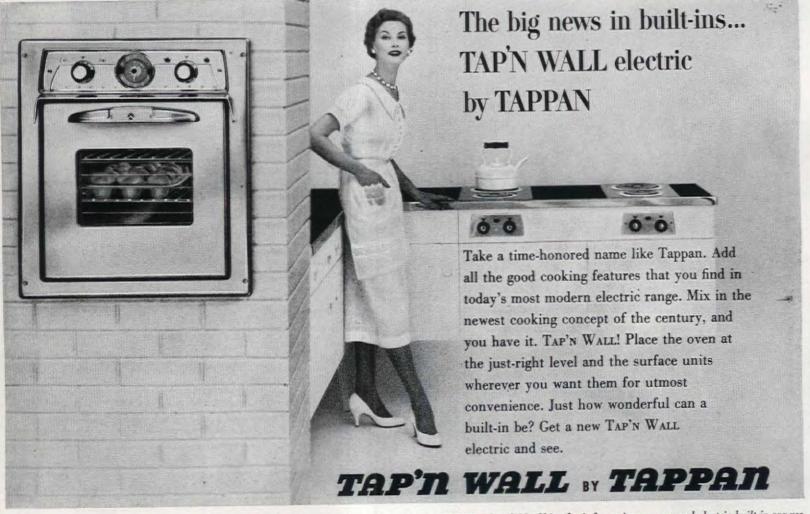
A fourth basic plan is the *one-wall kitchen*, a necessity in some small apartments, but not recommended since it wastes steps.

KEEP AN EYE ON THESE

- 1. Traffic. Locate your work areas so that a minimum of household traffic goes through or past them (a dead-end U is ideal).
- 2. Additional appliances you may buy in the future. Provide space, wiring, and plumbing installations for them from the start.
- 3. Ventilation for cooking odors. Every kitchen needs an exhaust, preferably located over the range.
- 4. Lighting. To avoid working in your own shadow, supplement center lighting with cove lighting under wall cabinets.
- 5. Your memory—a bulletin board is a great help!
- **6.** Good modern tricks—Don't forget to provide for sit-down working, for hide-away storage where possible, for a movable cart that stows away neatly. If counter space is scarce, don't forget that drop-leaf counters are great space stretchers.

MODERN KITCHENS AREN'T ONLY FOR COOKING

- Do you want a desk center for meal planning, telephoning?
- · Do you want a combined laundry and kitchen?
- What about eating facilities? Will you be best served by a snack bar, or by a real sit-around table?
- Do you like the family in the kitchen—or strictly out of it while you work? If the former, have you provided for:
- · A children's play area?
- A comfortable spot for lounging-perhaps a fireplace?
- Workshop facilities for Pop-or sewing center for Mom?



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How to Make Hacienda Hacienda Hacienda Hamburger Hamburger Inain Course eating that sings with California flavor

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Here's how:

3/4 cup ripe olives 2 tablespoons oil 1/2 pound

hamburger 3/4 cup chopped onion 1½ teaspoons salt ¼ teaspoon black pepper 1 No. 2 can tomatoes

2 cups wide noodles 1 cup diced

1 cup sliced celery American cheese Cut olives into small pieces. Heat oil, add meat and cook about 5 minutes, stirring frequently. Stir in onion and celery and cook about 5 minutes longer. Add salt, pepper, tomatoes, olives, uncooked noodles and cheese. Cover tightly and cook until mixture is boiling. Remove cover and stir lightly but thoroughly. Cover and cook slowly about 20 minutes, until noodles are cooked. Serves 4.

For your best friends - set out your

best welcome
-that's whole
Ripe Olives,
of course
-in a handy
"welcome bowl"
or tempting
appetizer tray.

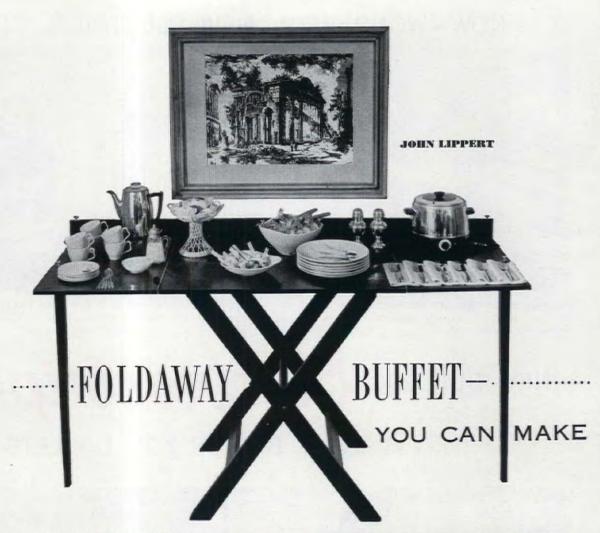


Free Ripe Olive Recipe Booklet

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*Ripe or green-ripe...whole, pitted, chopped or sliced!



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At your service—our folding buffet table that goes to great lengths (6') to be entertaining. No need to jog between kitchen and guests when iced drinks, glasses, and snacks may be set out in advance as shown directly above. When time for serving the big "spread" arrives, our table doubles its value, for two folding leaves (supported by extra legs) open up to reveal a handsome black laminated plastic top that's proof against hot plates and spilled liquids, no matter how hot or how strong. With leaves unopened, this compact server is an easy fit in an underworked corner, but if you want it out of sight when out of use, it can fold up completely to stand in a closet. Want to make one? See instructions on the opposite page.



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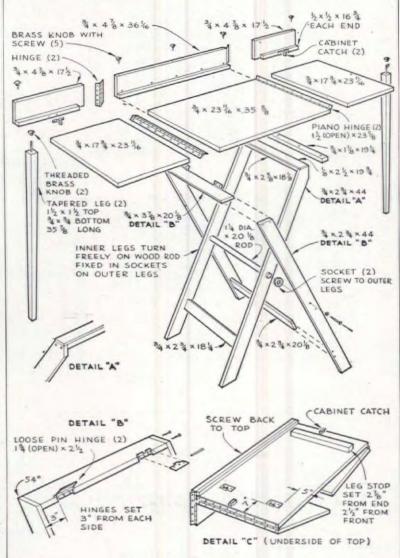
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Foldaway Buffet

CONSTRUCTION DETAILS OF BUFFET



ere's how to make this good set-up: TOP is a 2' x 6' sheet of 3/4" plywood topped with black laminated plastic, then cut in three as shown (your dealer will give you instruction sheet for applying the plastic). Sections are hinged together with 235%" lengths of 11/2" brass piano hinge. BACK PIECES are cut from a 6' length of 1" x 6". From a second 6' length of 1" x 6", cut back batten strips, leg stop, and four cross braces for folding legs. (Note that top cross braces of both legs are cut lengthwise at a 54° angle so their edges will be flush with edges of legs and their tops will be flush with the tops of the legs.)

TO ASSEMBLE TOP, glue leg stop to underside of top (Detail C). Glue batten strips to back pieces. Mount cabinet catches and the leaves of two loose pin hinges (Details B and C). Join three back pieces with piano hinge cut to size. Screw and glue center back section to center top section (Detail C).

FOUR FOLDING LEGS are cut from 16' of 1" x 3". Angle tops and bottoms to 54° (Detail A). Nail and glue each set of legs to cross bars. Cover top of inner leg with strip of 1/8" hardboard. Drill 11/4" hole in exact center of each inner leg. Insert hardwood dowel rod. Screw two 1/8" hardboard sockets to inside faces of outer legs in exact center. Slip outer legs over inner legs, and attach outer legs to dowel rod with screws and washers; attach folding leg assembly to top assembly with two hinge pins. TWO TAPERED LEGS are cut from 2" x 2" hardwood. Attach threaded knob screws, and drill top leaves for them.

Paint all exposed wood parts with black enamel. Mount five decorative brass knobs along top edge of the back.

MOMMY FIXED IT WITH



Weldwood® Presto-Set* Glue!

"It's easy to fix things," says the Weldwood Wizard, "when you know you have Weldwood Glue for the job!"

LOOK WHAT YOU CAN DO WITH . . WELDWOOD® PRESTO-SET* GLUE!

- · Ready-to-use! Sets fast! Bonds like magic!
- · Bonds wood leather, paper, cloth!
- · Makes "Do-It-Yourself" easier!
- Dad can machine jobs 30 minutes after gluing!
- · Odorless! Clean to work with!
- 25¢, 45¢ tubes, pint and quart jars!

LOOK WHAT YOU CAN DO WITH . **WELDWOOD Plastic Resin GLUE!**

- · Makes glued joints stronger than the wood itself!
- Repair furniture . . do all jobs like a professional!
- · Best wood glue made!
- · Highly water-resistant!
- 15¢, 35¢, 65¢ and larger sizes!



LOOK WHAT YOU CAN DO WITH . . WELDWOOD CONTACT CEMENT!

- · Bonds Micarta and other laminates without clamps or presses!
- Install plywood paneling without nails!
- Bonds any combination of wood, leather, glass, paper, cloth and metal (including aluminum)!
- Bonds instantly . . . permanently on contact!
- 1001 daily uses for home, hobby, garage!
- 25¢, 35¢, 60¢ and larger sizes!

At hardware, paint and lumber dealers. For a perfect wood finishing job ask for Firzite and Satinlac.

FREE! HELPFUL LEAFLETS-MAIL COUPON NOW

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D	UNITED STATES PLYWOOD CORP. Dept. A-8, 55 West 44th St. New York 36, N. Y.				
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How to Install Sliding Doors

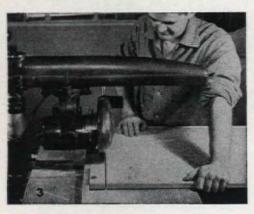


1. Measure the rough opening, then see if it is square, level, and plumb. Cut track, top and side door frames to fit opening. Assemble and paint frame, then slip it into place. If necessary, use small blocks to square up the framing. Then nail the assembled frame into position.

2. If you didn't enlarge the opening, replace original trim. Otherwise, pick a suitable trim and cut to fit. Paint the trim before you nail it to the frame.



Thanks to sliding doors, you can have closets in many a spot where swing-out doors hamper furniture placement and interfere with traffic. In addition, handsome sliding doors are much easier for the home-owner to install, and may be had ready-made in various sizes. Some come fully assembled; others (such as the one we illustrate) come knocked down and can be cut by you to fit any door opening. If you're replacing a swing-out with a sliding door, remove the old door, trim, and frame. Your lumber dealer can tell you how to reframe correctly if you plan to enlarge the original door opening.





3. Trim tops of new doors to required height and remount the hanger-rollers on the doors. 4. Hang doors by slipping rollers into tracks. Adjust hangers so door has proper clearance at floor. Then install bottom guide on floor.

See "Where Credit Is Due," page 124



"That's my Majestic Incinerator my favorite appliance and work-saver!"



THE COMPLETE home disposal system for trash and garbage

Comments from thousands of Majestic Incinerator owners prove that no other modern appliance is so much appreciated! No more overloaded waste-baskets... no garbage or trash cans when you drop daily household waste into this handsome gasfired disposal unit. No more waiting for clear weather, still air, or laundry-free yards to burn trash. Everything burnable, even wet garbage, is consumed—disappears like magic!

. . . and so easy to own!

Installs easily and conveniently right in your utility room or basement. Safety-approved by the American Gas Association! And most important, it costs so little!

Ask your Majestic Dealer for full details and free folder, or write the company

The Majestic Co., Inc., 466 Erie Street , Huntington, Ind.

Majestic.



The pony express route is quieter with carpet

As any mother knows, a cowboy leads a hard life.

Hard on the ears, hard on the clothes and, very often, hard on the cowboy.

Carpet on the floor goes a long way toward making life easier all around.

Carpet not only gives warmth and dignity to a room, it is a highly successful investment in comfort, quiet and safety for those you love. Carpet prevents the slips and skids that often turn a sheriff's posse into just two small boys crying. Carpet <u>swallows</u> noise... makes home a quieter, more peaceful place to be.

And keeping carpet clean is easy. Just once around with the vacuum. No scrubbing, rinsing, waxing or polishing.

Carpet gives so much and costs so little - in time, in work and in money. When you move,

of course, your lovely, long-wearing carpet goes with you. You haven't invested time and money in floors you leave behind.

Yes, all in all, you can't do better than carpet for more pleasant living — with or without cowboys. And, at today's prices, you can probably afford to do two rooms for what you think one will cost.

When you visit your carpet store, ask about their budget plan. Do it soon.

HOME MEANS MORE-WITH CARPET ON THE FLOOR

MORE QUIET, MORE COMFORT, MORE BEAUTY, MORE SAFETY, EASIER CARE

Buy carpets designed and made for the American way of life by these American manufacturers Artloom * Beattie * Bigelow * Downs * Firth * Guliston * Hordwick & Magee * Hightstown * Holmes Karastan * Leedom * Lees * Magee * Masland * Mohawk * Nye-Wait * Philadelphia Carpet * Roxbury * Sanford * Alexander Smith CARPET INSTITUTE, INC. 350 Fifth Ave., New York 1, N. Y.

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A stock company represented exclusively by over 40,000 independent local agents and brokers



WHEN YOU REN



DON'T FORGET THE PLUMBI

ouis XIV took a bath about once a year-it was quite an event and so M. Mansart, the architect in charge of re-modeling Versailles for Louis, didn't have to worry much about indoor plumbing. As long as the outdoor fountains worked, Louis considered that he had "adequate plumbing." Today we take a good many baths per year and when we aren't bathing we're washing clothes, doing dishes, getting rid of garbage, washing the car, or watering the lawn. We need a lot of water, both hot and cold, so when you remodel, don't-please don't -forget the plumbing until it's too late.

Before you do anything about plumbing it's a good idea to have your water analyzed-not so much for the sake of purity, though it is wise to check the purity of the water from a private well from time to time, but to find out what it contains in the way of minerals, acids, etc. The content of the water will be a big factor in deciding what sort of pipe to use, if additions or replacements are necessary, as well as the best type of hot water heater to use and whether or not you should install a water softener or some type of filtering system. Hard water (water that contains a good deal of lime or other minerals) can make housework a headache even with modern conveniences.

Now, before you get into your remodeling for real, sit down with your plumber. Go over your present system piece by piece to see what you now have and what you'll need to take care of that extra bathroom and those new kitchen or laundry appliances.

Start out by having the plumber check your fresh water supply. If the supply is inadequate and if you get water from a city main, a larger service or supply pipe may be the solution. If you get your water from a private well, perhaps the service pipe is corroded, or perhaps the pump just doesn't have the capacity to deliver the necessary amount of water at the right pressure. In any case, be sure that your supply is adequate before you try to hook in a lot of additional equipment. After the



question of supply has been ironed out, have the interior branch lines checked. If these inside lines are badly rusted or partially clogged with minerals (a good reason to install a water softener) sufficient pressure won't reach your fixtures and appliances although your supply may be adequate. The only real cure for rusted or corroded pipes is to replace them. If you use flexible copper tubing, it may be possible to disconnect the old lines, leave them in the wall, and feed the new tubing through the walls without tearing them completely apart. If possible, insulate both hot and cold water pipes to prevent heat loss and condensation.

At this point, you should also give thought to whether or not

CONTINUED ON PAGE 104





PLUMBING FIXTURES ... of COURSE

Where people want the best, you'll find vitreous china bathroom fixtures by CASE. Matchless in quality. Matchless in beauty, comfort and protection. For example, the traditionally famous CASE Non-Overflow One-Piece*(shown) with the whispering flush. Only CASE vitreous china fixtures are in 32 decorator colors and sparkling black and white. May we help you?

W. A. CASE & SON MFG. CO., 33 Main Street, Buffalo 3, New York

Please send me complete information on this timetested famous water closet.

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Aristoflex • Confetti • Parquetry • Maticork • Asphalt Tile • Rubber Tile • Vinyl Tile • Cork Tile • Plastic Wall Tile

Don't Forget Plumbing

(Begins on page 102)

to install water softening equipment. Hard water, incidentally, is water that contains certain minerals which make it difficult to use for even the simplest cleaning operation. While the use of detergents makes hard water more usable, the real solution is to install a water softener which will remove these minerals from the water. If tests show that your water contains more than four grains of hardness, a water softener is worthwhile. You can buy one—or rent one for a small monthly charge.

A water softener can absorb just so many minerals from water and then it must be recharged. You may buy an automatic type that will recharge itself automatically or you can get the less expensive manual kind where you do the recharging yourself. With a rented softener, the firm renting out the equipment will take charge of recharging.

Adequate hot water is another point to check. Unless you have a fairly new water heater, your present one may have neither the capacity nor the maximum temperature demanded for new kitchen and laundry appliances. For example, automatic dishwashing equipment requires hot water at a temperature of 170° F. and clothes washers do best with water at 160° F. If your water heater cannot heat water to these temperatures, your appliances will not function efficiently.

Many homes have hot water heaters with a capacity of only 20 to 30 gallons—far too little to supply the hot water needs of the average household today.

There are two basic types of hot water heaters—the indirect type which is installed in the same boiler that heats the house, and the independent type which operates automatically on gas, electricity, or oil. Both, if of the correct size, will provide ample hot water. With the indirect type, however, it is wise to have a storage tank which serves as a reservoir when the demand is heavy, such as in the morning, or on washdays.

If you are in the market for an independent hot water heater, your dealer or plumber will advise which type of tank to select on the basis of your water analysis.

The least expensive is of galvanized steel. These have a thin coating of zinc applied on all surfaces, and as long as the zinc coating remains intact the surfaces will resist corrosion. When the zinc wears off, corrosion will start and eventually the tank will have to be replaced. The life of galvanized steel tanks can be lengthened considerably by the installation into the tank of a magnesium rod. Other steel tanks are coated on the inside with cement, porcelain, or glass and are highly resistant to corrosion.

Tanks made of copper are fine except for certain types of water. They are highly resistant to corrosion and will give many years of service. Finally, there are tanks made of Monel metal—these give the longest service but are the most expensive.

You may find that if your existing hot water system is in good condition, but inadequate, you can install a second hot water heater to supply certain branch lines. For example, if your hot water heater is still good but not capable of delivering water at the high temperatures required by the washing machine or dishwasher, a second heater may be hooked in near the kitchen or in the kitchen, to supply additional hot water.

The last point to check is sewerage. If you've been bothered by tree roots or other forms of stoppage in the sewer line, it would be wise to have a root-proof sewer line installed.

If you have a septic tank and have added extra bathrooms, check the capacity of the tank. With an increase in sewerage, it may be necessary to have the tank cleaned out at more frequent intervals. As a rule, when a sink garbage disposal unit is added, the capacity of the tank should be twice what normally is required. However, if the tank is cleaned out at more frequent intervals, it will not be necessary to install a larger unit.

If you have a cesspool, consider seriously the installation of a septic tank. A cesspool is not hygienic and sooner or later will have to be replaced. Why not do it now?



Build this "entertainment center" —it's so modern—so colorful—so easy!

It's the practical way to separate living and dining areas ...or to keep drafts away when the front door is opened.

It's the convenient way to have lots of storage space right where you need it...for linens, silver, books and so on.

It's a handy secretary desk...a place to write letters... keep household accounts in order.

It's an entertainment center...with space for radio and phonograph equipment, games and refreshment supplies.

It's easy to make. You can build the complete divider, or as many sections as you need...with economical Masonite Presdwood[®]...strong, smooth, grainless panels available at lumber dealers everywhere. They won't split, splinter or crack. They work smoothly, stay in place and take beautiful finishes.

Complete plans with easy-to-follow instructions are yours free. Mail the coupon now!

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modernized 3 rooms with one John Wood water heater

Kitchen Meal after meal, plentiful hot water makes dishwashing and chores easier . . . saves time and work.

Laundry With sparkling hot water on tap whenever you want it, clothes get cleaner faster... you save on soaps or detergents.

Bath Nothing else in the home serves so many people so well as a modern automatic GAS water heater. Nothing else helps modernize a home like a plentiful hot water supply.

See Your Master Plumber, Gas Company or LP-Gas Dealer



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Write for your copy of helpful booklet "How To Judge An Automatic Gas Water Heater" - your guide to lowest cost per gallon hot water.

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Made and Warranted by John Wood Company, one of the country's oldest Water Heater Manufacturers. Conshohocken, Pennsylvania and Chicago, Illinois.

GAS HEATS WATER 3 TIMES FASTER

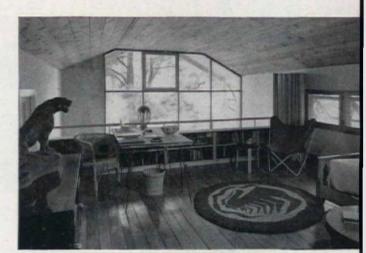
Too Close to the Street

(Begins on page 42)

NEW POINT OF VIEW ON LONG ISLAND



Whether the rear of your house has a splendid view or merely a pleasa one, chances are you'll enjoy a rear-facing living room better than at facing the street. When area above was a kitchen, the Namuths had a place to sit outdoors, for the front porch was too close to the stre and the back yard had no charm. Now that it's virtually an extension the new living room, the outdoor area, too, has taken on a new meaning



TRANSFORMATION IN UPSTATE NEW YORK



Without disturbing exterior walls (save the one that's now glass), the Heckschers transformed three small rooms into one large living room. Attic above, its floor partially removed to create the high section the living room, is now a balcony-study that profits from the glass was and a lovely lakeside view. A compact new kitchen replaces the old on

BRIGGS BEAUTYWARE

In Beautyware Coral: B-701 LaSalle Tub, B-6402 Carlton Closet, B-3250-HS Whittier Lavatory

is the color in your bathroom

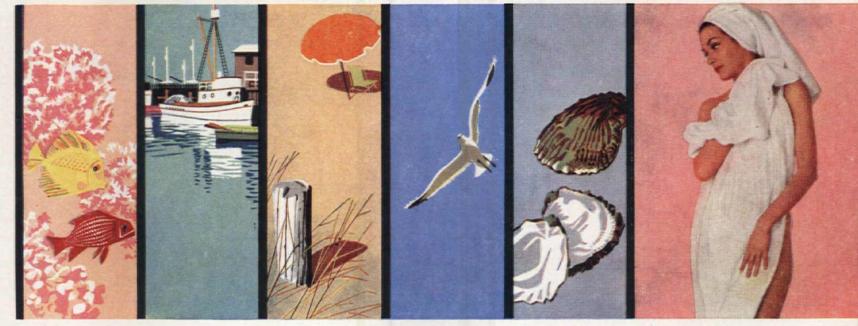
Choose sparkling sea-tone colors for your bathroom fixtures—coral, sea green, sandstone, sky blue or pearl gray. Beautyware offers these luxurious colors in a full range of models—all of modern, clean-lined design.

Beautyware fixtures match every type of home—complement every bathroom decor. Here is the perfect way to combine new bathroom luxury with complete utility.

This Beautyware luxury is durable, too. Surfaces, for example, are *hard as glass*. They resist stains of all kinds, will not fade, and are so easy to keep clean.

Compare different brand color fixtures. You, too, will agree that Beautyware offers greatest intrinsic value. Select Beautyware for your home—yours for a lifetime of trouble-free service. Briggs Manufacturing Co., Detroit 26, Mich.

Tropical coral • Green of shallow sea • Tones of washed beach sand • Blue of summer sky • Gray of pearl



A Second Bathroom is Beautypage's New Standard for American Living



I'm in love with my new

micarta unitop

it's setting the style in modern kitchens!

Every woman will love this refreshingly different Micarta counter surfacing. Here, for the first time, is a one-piece counter that eliminates dirt-catching metal moldings completely! From its "dripless" front edge to the top of the backsplash, it's just one seamless sweep of colorful plastic—much easier to clean! Moreover, its simple construction makes it ideal for "do-it-yourself" installations. Think of all these advantages in a tough material that retains its original beauty almost indefinitely!

For the complete story on the colorful, practical Unitop, just use the coupon.

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Please send me complete info new Micarta Unitop.	ormation on the	
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DECORATIVE SURFACING

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UNITED STATES PLYWOOD CORPORATION
largest plywood organization in the world

LOW-COST DRY WALLS

Here's how to install them to make living space in your attic or basement

JONATHAN ALEY

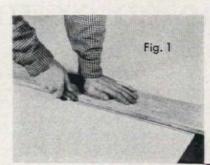
When Joseph Fehrenback of Cliffside Park, New Jersey, built a bedroom in his attic (see page 44), he used gypsum board for the walls and ceiling. Low in cost, it is an excellent base for either wallpaper or paint. Putting it up is no overnight project, but it's not complicated, and a careful though unskilled amateur can get fine results the first time he uses the material.

Make things simple for yourself by drawing a dimensioned plan of the wall and ceiling areas, indicating windows, doors, and other openings. From this, your building supply dealer will advise you what length of board to buy (there are several) and the type and quantity of nails you will need. Ask him for the tapered-edge type of gypsum board, and for perforated tape and joint cement.

Take the board to the room you're remodeling, and stack it flat on the floor, with the cream-colored side up. Then check the room's framing to make sure that there are adequate nailing surfaces, particularly at the corners. Add furring strips where needed. Remount electrical outlets and heating grills so that they will be flush with the finished wall surface. Use tapered wooden shims to build up any low spots on studs or horizontal framing members so that all faces are flush and will support the gypsum board evenly. If your project is a basement, ask your dealer for information about furring out the masonry walls.

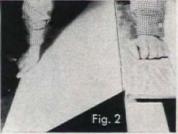
During the installation you will, more often than not, have to cut the board to fit. To make a straight cut, use a sharp knife and

a straight edge, and cut through the board's paper surface. Then snap the gypsum core over a straight supporting edge and cut through the backing paper. Use a keyhole saw for curves or holes for pipes and lighting fixtures.



Tackle the ceiling first, and cut the board so that both sides of the joints are supported by framing wherever possible. To hold the gypsum board against the ceiling, use a pair of posts, as shown. Use a crownheaded hammer to drive the nails slightly below the surface of the board. Space them about six inches apart, and nail to the central studs first. When you do the edges, drive nails at least 3/8 of an inch from the edge. Next, cover the walls, starting at the top and working down. Wherever possible, cut out CONTINUED ON PAGE III

See "Where Credit Is Due," page 124





We took the freezer chest <u>out</u>...
so you can put
an extra bushel of



food in



100% Refrigerator...with automatic defrost

Now...a new kind of refrigerator for families with freezers... and those who plan to get one

Why pay a premium for a freezing compartment you don't need, when you can get so many extras...including an extra bushel of food space...in this new Custom Shelvador.

Designed to work arm in arm with your freezer, the "100" gives you the food storage you've wished for day after day. Loads of room for bulky foods, jars, tall bottles...plus all those leftovers. And you'll still have space left over! You get the capacity of a giant "15" in 11 cubic feet...actually 30% more fresh food space.

And the foods you store never tasted fresher, or looked more appetizing. Crosley's exclusive Controlled Humidity regulates moisture so even that half grapefruit or cantaloupe for tomorrow's breakfast won't dry out. All this with Crosley's famous Automatic Defrost System that lets you forget about defrosting for good.



FREEZES ICE IN BIG "PARTY" BATCHES . . . 10 lbs. of ice cubes at a time. Five Quick-Release trays pop the ice right out. And the Ice Chest defrosts automatically. No scraping, no pans to empty!



all the shelves roll out on lifetime nylon rollers that glide food to you. Huge Rollout Meat Drawer and Full Width Crisper keep meat and vegetables market fresh for days and days.



crosley deep-door design—and you know what that means! Every shelf completely recessed, deep enough even for half-gallon milk bottles. Handy Egg Tray, Butter and Cheese Keepers.

CROSLEY'S NEW "POLAR PAIR"
...the new Shelvador "100^A refrigerator and the Shelvador
Freezer that matches it exactly. A
planned together, styled-together
center for every kind of food
storage. Let your Crosley dealer
tell you about the extra special
trade-in you get when you buy
these two beauties together.



CROSLEY

CROSLEY DIVISION OF AVCO, CINCINNATI 25, OHIO



Brand-new Monogram fittings add extra smartness to this beautiful American-Standard bathroom. It costs as little as \$4.13 a week.*

Whether you buy, build or remodel, get the extra convenience of two

American-Standard Bathrooms

Look to American-Standard for real convenience and quality in a modern, attractive bathroom. In the room above notice the roominess of the handsome Symphony lavatory, made of vitreous china . . . and the large 5½-foot Master Pembroke bath of satin-smooth enamel fused to rigid cast iron.

There's more convenience in an extra bathroom, too . . . and you can probably have one. For there's a variety of types and styles of American-Standard bathroom fixtures to fit your needs. One of these is the square Restal bath, shown at the left. It serves as both shower receptor and regular tub, in space measuring only 36 x 38 inches.

And in both bathrooms, you can now add a final touch of beauty with the new American-Standard Monogram fittings. They offer colored handles and can be personalized with your own initials. Or choose the new Quality fittings notable for their fresh, attractively-modern design.

For more information see your American-Standard retailer. He is listed under "plumbing fixtures" or "plumbing supplies" in the Yellow Pages of your phone book. Or mail the coupon to the left for a copy of the helpful, illustrated idea book. Plumbing and Heating Division of American Radiator & Standard Sanitary Corporation, Pittsburgh 30, Pennsylvania.

*PLUS INSTALLATION

the quality, beauty and color of modern American-Standard plumbing fixtures. Pay as little as \$2.30 a week.* American-Standard, Dept. PA-85 Pittsburgh 30, Pa. Please send me your Bathroom Planning Book. Enclosed is 10¢ in coin to cover handling. I am modernizing building building NAME STREET. CITY. COUNTY. STATE. If you live in Canada, send to: Standard Sanitary & Dominion Radiator, Ltd., Box 39, Station D, Teronto.

An extra bathroom in small space only 6 x 7 feet-with all

AMERICAN-Standard BATHROOMS

Serving home and industry: AMERICAN-STANDARD - AMERICAN BLOWER - CHURCH SEATS & WALL TILE DETROIT CONTROLS - KEWANEE BOILERS - ROSS EXCHANGERS - SUNBEAM AIR CONDITIONERS

Low-Cost Dry Walls

(Begins on page 108)

door and window openings from large sheets so that there are no joints at the corners of the openings. To fit gypsum board to curved surfaces, make parallel cuts across the backing paper about an inch apart. Do not cut through the core or surface

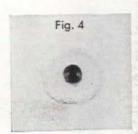


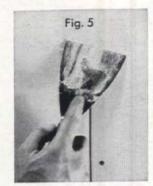
Fig. 6

paper. To make the strip flexible, break the gypsum core beneath each cut. You will find that it is easier to start nails through the board before you lift it into place. Drive at least two nails in each strip, then lift the board into position and nail on.

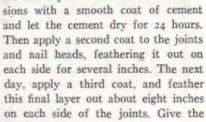
When you have covered the walls

completely with gypsum

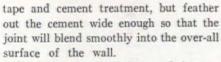
board, mix joint cement according to the directions. Then, with cement, partially fill the depression formed by the two adjoining tapered edges. Imbed the tape in the cement with a wide putty knife, and smooth down the cement forced up through the perforations. Treat corners in the same way, but crease the tape to fit the joint. (Special metal corner beads may also be used.) Next cover all

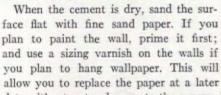


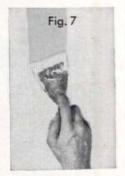
the nail depres-



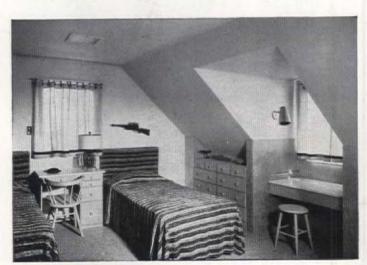






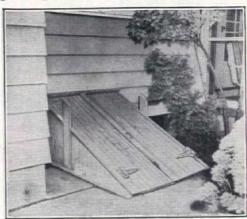


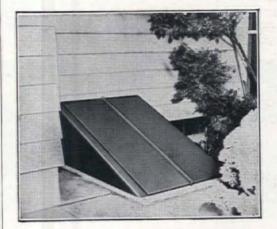
date without water damage to the gypsum board surface. The fine results achieved by the Fehrenbacks are shown below. For a picture of the attic before it was remodeled, turn to page 44.



REPLACE YOUR

OLD WOOD CELLAR DOOR





WITH A
MODERN
ALL-STEEL
BILCO
DOOR

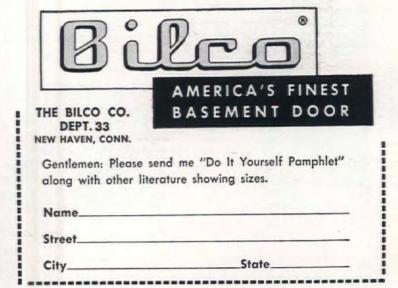
DO IT YOURSELF

IN JUST 3 TO 4 HOURS

Think of it! Only a few hours of pleasant work to replace your unsightly, troublesome wood hatchway with a lifetime, weathertight BILCO . . . the door installed on tens of thousands of new homes.

PAYS FOR ITSELF! Cost so little, yet never needs repair or replacement. Operates at a touch. Smooth, trim appearance adds amazing new beauty to your home.

Rush coupon TODAY for free folder and "Do It Yourself" pamphlet showing step by step replacement of wood hatchway.



This stretchy plastic tape makes lasting repairs



INSULATES! Thin, stretchy tape covers frayed electric cords. UL approved.

PROTECTS! Long-wearing tape makes smooth, splinter-free grip on tool handles.

This handy masking tape keeps paint jobs neat



STICKS TIGHT! Stretches to conform to curves. Paint will not bleed through.

STRIPS CLEAN! Leaves neat edge, saves clean-up time. Available wherever paint is sold.

The term "SCOTCH" and the plaid design are registered trademarks of Minnesota Mining and Mfg. Co., St. Paul 6, Minn. Export Sales Office: 99 Park Ave., New York 16, N.Y. In Canada: P.O. Box 757, London, Ontario. © 3M Co. 1955

Think you have no space for a sewing room? This well-equipped one was built into no more space than an average closet requires. Portable sewing machine rests in compartment of its own when it isn't working on that pull-out shelf; drawers and shelves of various depths make for good organization. Lower section could house toys.



You <u>have</u> space... USE IT!



A few inches can become real space when shallow shelves hold bottles, jars, and such. These wall cabinets are in a bath, but imagine how well they could perform in a dining area, with glasses in the upper unit, china and linens in the lower one. Sliding doors of perforated hardboard are easy to measure and cut.

CONTINUED ON PAGE 114

News for home painters!

DISCOVER FASTER, EASIER, STREAK-FREE PAINTING

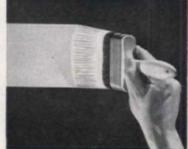
THE SECRET: paintbrushes with specially tipped and flagged bristles of white nylon

Now . . . from America's leading brush manufacturers . . . a painting tool that does better work. makes less work for you! It's a paintbrush with smooth-flow bristles of Du Pont "Tynex" nylon. Sanded to a long, tapering point . . . split, or "flagged," at the tips - these tapered "Tynex" bristles hold more paint . . . flow it on smooth and streak-free. And "Tynex" bristles are easier to clean, last far longer than other bristles. Next time you buy a brush, be sure it has a full head of tipped and flagged, tapered "Tynex" bristles. Look for the trade-mark - "Tynex"!

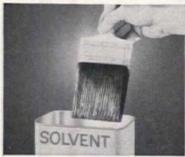




1. PICK UP MORE PAINT! Actual photograph shows how smooth-flow "Tynex" bristles are scientifically tipped and flagged for better paint pick-up - pick-up unsurpassed by any bristles, man-made or natural!



2. FLOW IT ON SMOOTH AND EVEN! You can do streak-free work with any type finish, on any surface. bristles last 3 to 5 times longer than ordinary bristles . . . don't get brittle ordinary bristles need no break-in when new.



3. CLEANING NO LONGER A PROB-LEM! "Tynex" bristles are the easiestto-clean bristles there are. Just dip them in any commercial cleaner — paint loosens quickly, can be thoroughly rinsed out.



4. ACCLAIMED BY PROFESSIONAL PAINTERS! "We find 'Tynex' bristles take rougher use and still deliver top-quality work," a leading painting con-tractor reports. "You don't have to dip them as often, either!"



"Tynex" is the registered trade-mark for Du Pont nylon bristles.





Look for paintbrushes with smooth-flow bristles

of Du Pont







Remodeling's a cinch with fir plywood. It saves time and money for you—or your builder—because it's easier to handle, work and finish. Combines the practical economy of large panel size with the natural warmth and charm of real wood. So, for simple built-in or complete addition, remember: you can build anything with fir plywood!

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He can help with any building problem

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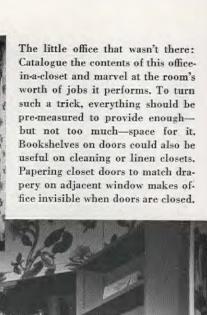


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Just print your name, street address and city in space below. Mail to: Dept. 18, Douglas Fir Plywood Assn., Tacoma 2, Washington. Enclose 50c for Book of 52 Plans.

(Sorry, Offer is Good in USA Only)



Stretch" a cupboard by adding shelves to inside of the pantry door, as did the Ralph Treves, of Flushing, N. Y. Almost any lumber can be used—½" or ¾" thick. Made wide enough so that side members can attach to door stiles with right-angle brackets. Height can be up to 5'; depth, 5"; shelves, 12" apart. Shape ends of sides, add pre-joined shelves and front rails.



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2 LASTING PROTECTION

3 LASTING ECONOMY

Dutch Boy

What should you look for in house paints? First, lasting beauty. Take it from painting contractors, "Dutch Boy" House Paints give you this. Among whites, self-cleaning Bright White is a sparkling stand-out. And "Dutch Boy" House Paints in Color are famous for their resistance to fading.

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So there it is. You get EVERYTHING you want in "Dutch Boy" House Paints. And your "Dutch Boy" dealer — listed under "Paint" in your classified phone book—can be a big help to you. If you wish, he'll be glad to recommend a painting contractor.



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Whether you're an all-Summer traveler, a week-end wanderer or a two-weeks-vacation girl, always tuck Tampax in your suitcase. It takes up so little space and does so much for you! Instead of adding to the nuisance of "those days" with a belt and 2 pins and a pad, you wear cool, comfortable, internal protection that won't chafe, irritate or "show."

As a guest and as a woman, you're much more at ease with Tampax... no disposal problems, you know. Then, too, you feel daintier, more fastidious, more your own charming self with Tampax...it positively prevents odor from forming! When you're meeting new people, making new friends, isn't that important?

Best of all, you can go swimming while wearing Tampax...it never has a telltale outline under a wet or dry bathing suit. (You can also wear Tampax in your tub or shower; it's completely protective.) Tampax really can help make it a wonderful Summer for you... get your supply now at any drug or notion counter. Choice of 3 absorbency-sizes: Regular, Super, Junior. Economy size gives average 4-months' supply. Tampax Incorporated, Palmer, Mass.



now used by millions of women

Can You Survive?

(Begins on page 8)

have just scanned the headlines, halflistened to your news commentators, and not followed up with further reading. For if you HAD read it all, you would know that there are different instructions only because they deal with different situations.

Q. Why are they promoting the building of costly shelters at the same time that they are making plans for evacuation? Doesn't one cancel out the usefulness of the other?

A. No, they very definitely do not. Shelters are not versus evacuation; they are both integral parts of any over-all planning for the safety of all. You don't have just one dress; you have different dresses for different occasions. And so it is with these plans. They are for completely different circumstances and both are intelligent and sensible.

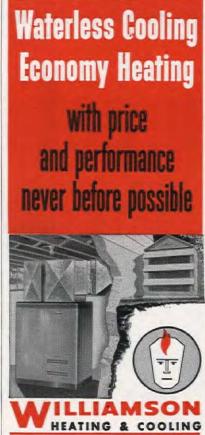
Q. But we thought that if the bomb didn't get you, radiation would. So what is the point?

A. Radiation, in its full potency, is a ghastly, terrifying thing, certainly nothing to be dealt with lightly. But just as there is black and there is white, with hundreds of shades of gray in between, so there is all-out radiation which is lethal, and there are degrees of it which are not. Many man hours of research have gone into the work of finding protection for us, and there are some very concrete things you can do to protect yourself, all of which may be learned through your own local Civil Defense organization. I would like to tell you of a remark made to me by a C. D. man from Peoria, Ill. He said, "Isn't there a great significance and great hope in the fact that atoms have existed since the world began, yet were not captured into bombs until we were capable of dealing with them?" And that is how I feel about the subject of radiation. There are things we can do to deal with it, if we have the good sense to face the issue and learn

Q. Isn't it true that all of these test atomic blasts have affected the

A. There is absolutely no effect upon weather traceable to atomic blasts. In fact, the slight path of radioactivity left in the air currents—no, don't get alarmed, there isn't enough to impair, in any way, our national health or safety—has helped meteorological bureaus to trace air currents they could never positively trace before. This has led to great strides in the field of meteorology, and such advances will prove one of our best protections in the event that we are bombed.

We had to wait over a week for the right weather conditions for setting



Here's all you need for yearound comfort. The first really new furnace in 30 years, Williamson Gasaver or Oilsaver Deluxe, is shown equipped with Williamson Duct Type Waterless AIRefrigeration. Cooling coil in duct connects with outdoor compressor unit, so that no additional floor space is needed.

Choose your favorite temperature, then let Williamson do the rest. Famous Gasaver or Oilsaver Deluxe Furnace reduces hourly fuel input up to 50%, 70 to 90% of heating season. Gives truly balanced heat. Waterless AIR efrigeration needs no water, water tower, pump, plumbing or extra floor space.

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Can You Survive?

off the bomb we were to observe. In those days, the entire United States had what might well be called unnatural weather. If the bomb had gone off per schedule you, and I, might well have blamed all of it on the bomb; instead, it was the weather that affected our bomb!

Q. Isn't it dangerous to be testing all these bombs here in the United States? Why in the world don't they test them out in the vastness of the Pacific?

A. It would take pages to even begin to tell you of the safety precautions taken by the Atomic Energy Commission. So let me just tell you that here is one gal who is fully confident that the Commission will never do anything that is even vaguely risky. If we citizens took our responsibilities to our nation as seriously as they do, there would be no need for me to write any of this! The Pacific is used whenever really necessary, but the enormous extra cost is not one we, as taxpayers, should advocate when it isn't necessary.

Q. You make it all sound so harmless! If that is all there is to it, why all the commotion?

A. That is a toughie to answer. I do know the answer, though, if you will just bear with me for a few seconds. People have reacted, by and large, in two ways. One, they have been horrified and have made up their minds that-well, if it comes, it comes. This downright fatalistic attitude has led to utter inertia, of course. Two, they have resorted to sheer escapism-such a thing may occur, but certainly not to them, or their families. This outright optimistic attitude has also led to utter inertia. The net result: a few handfuls of people, working like slaveys in Civil Defense, Ground Observer Corps, and the like, have done all that has been done about the matter.

It is Not harmless, but there are things you can do, if you will take the trouble—and if you do them soon enough—to increase your chances of escape. Maybe I should liken it to cancer, for that certainly can kill you—yet if caught and TREATED in time, will not do so.

Q. What are you, personally, doing about all of this?

A. I have taken to heart—close to my heart—everything I have learned. My children are now thoroughly briefed in exactly what to do, and when to do it. My normal food supply now has a special division—an emergency seven-day supply of foods which is inviolate. Our shelter area is provisioned just as suggested by the Civil Defense people. We are ready. Are you?

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Help yourself to new home beauty! Never before such a stimulating and inspiring collection of beautiful room pictures, complete with practical guidance for obtaining the effects shown.

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THE AMERICAN HOME, AUGUST, 1955

Wiring System

(Begins on page 64)

Total this up and you'll note that even the minimum wattages add up to more than the 24,000 watts we mentioned as "adequate" for a wellequipped small home. The assumption is, of course, that you aren't going to have every light and every appliance in the place turned on full blast at the same time. For example, the top figure we give for an electric range is the wattage it consumes if two ovens and all the burners are on "high" simultaneously. If you're apt to give your range such use, you'd better allow for more than the 8,000 watts usually allotted for this appliance.

ENOUGH BRANCH CIRCUITS?

The system that carries the power from the service entrance throughout the house is comprised of branch circuits, each consisting of two or more wires protected by a fuse or circuit breaker. When a branch circuit is overloaded (but not badly enough to blow a fuse) or when circuit wires are too small, or circuits are too long, full pressure or voltage isn't delivered, so heating appliances such as irons take too long to heat up, and the motors are strained and burn out prematurely.

There are three kinds of branch circuits:

General purpose circuits for all lighting and general use. Most homes built 15 years ago still depend upon one or two 15 ampere general-purpose circuits, each of which deliver from 1,650 to 1,800 watts.

Appliance Circuits for convenience outlets in kitchen, laundry, and dining area. Rarely found in homes more than 20 years old, such circuits each carry 2,300-2,400 watts.

Special Purpose or Individual Equipment Circuits. To function at top efficiency, each major appliance should have its own branch circuit. The electric range, water heater, and clothes dryer can't be installed without special circuits of their own. Other major appliances, however, are too often plugged into already overloaded circuits.

The size of the wires in your service entrance determines the amount of electricity that can be brought into your house at any one time. All wire sizes are determined by numberthe higher the number, the smaller the wire. The trend today is to use the heavier No. 12 wire, with a 20ampere fuse. However, No. 14 wire should be fused only with a 15-ampere plug which will limit it to a safe 1,800 watts-not so good when you try to plug a 1,000 watt coffee maker, a 1,150 watt toaster, and a I,100 watt waffle iron into a single electrical circuit.

If your wiring is inadequate, your CONTINUED ON PAGE 118

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YOU SAVE UP TO \$50.00, OR MORE!

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Wiring System

(Begins on page 64

local power company, the National Adequate Wiring Bureau, or a qualified electrical contractor can be helpful. You may be able to add more branch circuits to your present service entrance-or to redistribute the use of the circuits you already have. If complete rewiring is indicated, the cost can be financed over a period of months either through an FHA Title I loan or other types of financing. (See "How to Finance Your Remodeling, Page 70.) Some local power companies will permit you to pay for rewiring on a monthly basis, and more and more companies

are planning to offer such service.

Let's face up to the future. During the past 20 years, we have added about 35 new appliances to the list of household appliances every woman longs for. Some 14 more are predicted for the next decade. So while you're at it, you might as well put in a service entrance and fuse box large enough to provide added circuits, and run "dead" branch circuits to parts of the house where equipment will most likely be added. After all, you don't pay for more current than you actually use, so why not have the extra capacity on tap?

How to Heat That Addition

(Begins on page 58)

Adding more space to your home? Well, it's going to be sort of chilly there come winter unless you've worked out an efficient way to heat this added space. Just how this can best be done depends on the amount of space to be heated, the type and size of your existing heating system, and the location of the addition.

EXPANDING UPSTAIRS? If you're finishing off the attic and have a boiler for central heating, check the capacity of the boiler. Many of them, especially the older boilers, are oversized and may well have all the capacity needed to handle more space. If your house was designed with an expandable attic, you may happily find that the boiler is of sufficient size and pipes have already been run up to the attic. All that must be done is to hook them into base-board panels, convectors, or radiators.

If your central heating system uses forced warm air, it may be inadequate for added space since these systems, especially the more modern ones, are carefully sized so that there won't be a loss in efficiency that would come about with an oversize furnace.

If using your central system to heat the attic is impractical, your solution may be some type of electric heater—either a radiant panel in the walls or on the ceiling, or a form of space heater.

EXPANDING ON THE HORIZON-TAL? If you have added a wing, enclosed a porch, or absorbed a garage to get more space, you may discover your boiler has the capacity to handle this extra load. With a minimum of trouble, small-diameter copper tubing can be run from the mains into the new space and connected into baseboard panels, radiators, or convectors. If you have a forced warm air system and it has the capacity to heat added space, ducts can be run from the furnace to registers either in the floor or walls of the addition. In a home with a gravity warm air system, it is virtually impossible to heat added space, so some auxiliary heater would be in order. One solution is to install an automatic wall or floor furnace that requires only a minimum space. These units, thermostatically controlled and fired by gas or oil, are efficient and moderately inexpensive.

Another alternative is to install a small central heating system for the addition. It can be installed either in the addition itself, or in the main house with pipes or ducts run out to the expansion project.

In the past, one of the drawbacks to installing any type of fuel-fired auxiliary heater has been the high cost of building the new chimney required for this kind of installation. This cost has been greatly reduced, of late, by the introduction of lightweight metal prefabricated chimneys requiring no foundation; they simply hang on the house framing.

HAVE YOU CONE DOWN? If you've gained more space by finishing off the basement, you've got another type of heating problem. Most basements are kept moderately warm from the heat tossed out by the boiler or furnace, but if the boiler or furnace is partitioned off from the basement living area, you'll lose this heat. One method that works, under certain conditions, is to install registers in the ducts from the warm air furnace-or, if you use steam or hot water, to leave the heating pipes along the ceiling uninsulated and exposed. With forced hot water, additional radiators can also be installed where desired. The other alternative is a space heater-electric, gas, or oil, either recessed into the walls or centrally located where it will keep the basement both warm and dry.



FULL FORCE without a splash!

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Water is made mountain-stream fresh, crystal-spring clear by Spring-Flo action. Action that freshens by aerating and replenishing lost oxygen...improves flavor by trapping and carrying away foreign tastes and odors...clears by removing gases that cause cloudiness.

Make sure you get a faucet with Spring-Flo. They're on leading makes. Ask your plumber!

ON LEADING MAKES OF FAUCETS



Armstrongs of N. J.

(Begins on page 38)

Equally dramatic, in a smaller way, is the change in the approach to the house itself. Now that there's a new garage facing the street, the oncebarren driveway to a now-defunct garage in the rear has been transformed into a magic little closedentry garden. Paved with flagstone and planted with ivy ground-cover and a collection of evergreen trees and shrubs, it's entered through a friendly little gate. The pseudonothing-much "eyebrow" that sheltered the front door now roofs a hospitable vestibule, its doorway capped by an old yoke, its stoop pointed up by an antique jug.

Beyond it, you can get a glimpse of the curved brick wall of the garden room we featured on our cover last April—the garden room the Armstrongs use ever so much more than they ever used their porch.

We told much of the Armstrongs' story back in February of this year, when we showed you their amazing garden—a real "country estate" on a 75 x 175 urban lot. Its development first began when the Armstrongs moved into the house in 1926 (there was no lawn, no tree, no shrub) and its present exuberant flourishing is the result of three decades of family projects and hobbies.

What made the Armstrongs change their minds about the rented home they disliked at first? What would they say to others about remodeling?

"First is the question of neighborhood," they told us. "You know what you have where you are. Then, consider well the value and closeness of friendships; they do not develop overnight. You may be more deeply rooted than you realize in your old home. There may be big or even little things that you have done with your own hands—or have had done for you just exactly according to your own taste. Possibly the garden soil you have enriched, the trees you have planted, or the children who romped and tore the place apart. . . .

"In a new house, you may not get what you are craving; remember about the other fellow's pasture always looking greener, and the possible disillusionment.

"There is a lot of fun in developing and creating as you go, and in that way your home reflects your own personality and living habits.

"If you intend to remodel, weigh the whole thing in the balance, and if you have enough good points to work with, get a friendly and understanding architect (as we did in the case of Herbert R. Leicht) and a dependable and efficient builder, (as we had in Arthur L. Stevenson). But before you take a major step such as breaking out a wall, be sure to have an over-all plan that can be arrived at step-by-step as need be."



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So, call your Mueller Climatrol dealer today and get set for wonderful comfort in your home — year around. Descriptive literature is also available — just send in the coupon.



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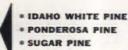
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Bring your home up-to-date with the woods of the Western Pines and enjoy a lasting investment in better living! It costs little to modernize—or build anew—with these sensibly priced woods

The Western Pines helped turn idle space to active use in this room. Built-in desk, bookshelves, cabinet and paneling express the warmth and charm of these handsome woods.

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Super Markets

(Begins on page 22)

6 P.M. If you live nearby, you won't be stymied by running out of anything for your week-end project. They have a large hardware, paint, and tool section, and behind the building is a big enclosed area with bins full of lumber. What's so different about their lumber bins? Each contains a certain type of wood of specified grade, width, thickness, and length—and you don't have to wait while the salesman calculates board footage, for the bins are marked with exact prices. Some items, like furring strips and moldings, are sold by the foot, but by the running foot instead of the more difficult-to-understand board foot.

In the hardware-paint-tool section, everything is marked with a price sticker, so you wheel around your supermarket cart, fill it up, and move to the check-out counter where your purchases are quickly totaled. If you want to take your lumber with you (and most of us are pretty eager to get started), Channel will lend you a car-top carrier, and, if you are short of cash, deferred or time payments without interest charges can be arranged.

he Do-It-Yourself Center, out in White Plains, New York, takes a different approach. The lumber section is fairly small. On the other hand, fabrics, sewing supplies, and other materials aimed at the distaff side of the family are available in a wide selection. But the man of the family is not forgotten—for him there are tools, plumbing and electrical supplies, kitchen cabinets, flooring; an excellent how-to-do-it library of books, magazines and pamphlets; ceiling tile; plywood in every type of veneer; doors; wrought iron, brass, and wood table legs; hardware; wallboards; power tools, and a thousand other useful items.

Klaff's House of 100,000 ideas in Norwalk, Connecticut, designed to serve both amateurs and professionals, has a large modern showroom displaying samples of thousands of building materials from fully equipped bathrooms to special wallboard nails. There are half a dozen complete kitchens; over 800 different lighting fixtures; samples of doors, windows, moldings, roofing, siding, and other items. The roof of the showroom is covered with different ceiling materials, and the whole display area is floored with tiles of various types and colors. And to make your budget planning easier, each and every item is marked with a price tag. Klaff's also sells tools, hardware, and paint. Nearby, is their lumber yard, plumbing and electrical supply store.

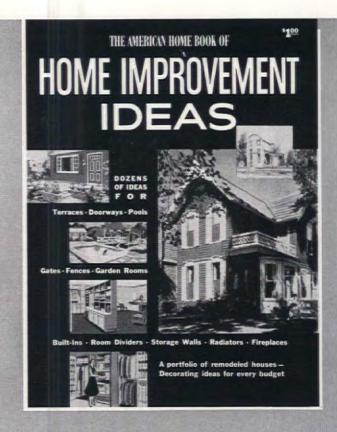
The most important commodity, freely given by these organizations, is sound advice. At Klaff's we found out about local plumbing and electrical codes, and the same advice was available at Channel and the Do-It-Yourself Center. All three conduct classes in use of power tools, and have free week-end demonstrations of how to use different materials. Courteous experts give professional advice on almost every subject—and for a really big project, will inspect your house to specify just what materials you will need, how much they will cost, and how to do it! If the job is too big for you to tackle alone, they will advise you what part should be done professionally.

Dealers throughout the country are learning that it pays to supply service, and we're willing to predict that it won't be long before you'll find, in your own community, special service centers such as these we've described.

ATTENTION, CALIFORNIANS!

• The first art exhibit ever sent from Spain to America, a major showing of paintings, drawings, and prints by the great Spanish artist, Francesco Goya, may be seen at the M. H. de Young Memorial Museum in San Francisco until August 7, and at the Los Angeles County Museum August 21—September 11. An important event of the New York art season earlier in the year, it includes loans from the Prado as well as from other Spanish and American collections.

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SLIPCOVER A WINDOW

If you want pattern at your window without using draperies, here's an idea







Rub-a-dub-dub

Dear Mrs. Austin:

Why do modern house plans ignore the bathroom? As far as I can see, it hasn't changed for years, except that fixtures have been made more interesting and convenient—and (my chief complaint) it has grown smaller!

Recently our family (two parents. three children, aged four and under) moved from an apartment in a big old house, with a big, old-fashioned bathroom, to a house of six rooms, all ample except the bathroom. It is 6' x 7', feels crowded even when I am in there with just one child, and is suffocating with three. Except for a lavatory in the basement, we have just the one bathroom. Other rooms are large: living room 12' x 23'; master bedroom almost as big; kitchen II' x 14'; etc. Now I could be wrong, but it seems to me that every house plan I have looked at in recent years has had a bathroom too small for the children. And if it has Two bathrooms, GUESS WHAT? The master bathroom is big, and the other bathroom (for the children, I suppose) is small. When I am getting our children ready for bed, I may have one in the bathtub, one on the potty chair, and one at the wash basin. This means crowding, to say the least! Children need to use the bathroom for different purposes at the same time-but all ours have is a tiny one which they can't turn around in without bumping the walls and one another.

I know that home planners have figured how to get the most space in a house where it is needed, and there have been articles, for instance, on the big living kitchen. How about the BIG and LIVABLE BATHROOM? Space is at a premium, but there is plenty of space that could be borrowed from other rooms-and just a few feet make such a difference! A bathroom for a family with preschool children should be big enough for: a bathtub, wash basin with storage space under it, toilet, bathinette for the baby, potty chair, diaper pail, and a container for bathroom toys (perhaps these could go under wash basin in utility space there); AND an easy chair! I'm not kidding-I used to sit and read, watch, or play with the children while they bathed, mainly to see that they didn't splash water all over the room. My one desire now is to get them out as quickly as possible, so I can breathe again. I omitted these items needed: plenty of towel racks; stool for children to stand on at wash basin; and a waterproof place to store reading material. I would also like a shower, separate from the tub, but I guess that is just a luxury item which would depend on the money one could spend.

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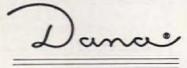
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PARIS . NEW YORK

This'll Delight You

(Begins on page 30)

set in a spherical design-delicate blue in one species (Echinops ritro) and deep steel color in the other (E. niveus). They were beautiful in the garden, and, indoors, perfect as focal points to add a cool blue note during midsummer heat. Such an all-blue study can consist of annual forget-me-not, delphinium, annual larkspur, artemisia, and the big, dramatic globe-thistle flowers.

Ervngium, the sea-holly, is also worth growing at all stages. The leaves are beautiful-for border contrast and for arrangements. But in addition, the plants bear clusters of steel-blue blossoms with green bracts. In arrangements, sea-holly is at home with the finest roses-yellow, crimson, or any color. Add pale blue forgetme-nots and violet leaves and-oh!

And now for the big extra dividend of thistle-growing. When frost arrives, prepare to make use of the material you have dried during the bud season. It will be of different sizes, for the side or branch buds are smaller than the terminal ones. Also nature will have turned the leaves into works of art as, after a frost or two, they become brown with silver linings and beautifully curled. Dried globe-thistles have a natural affinity for copper, brass, and driftwood, especially spiky splinters of red cedar. In color, they vary from straw to, occasionally, a chartreuse tone which makes a stunning effect with magnolia leaves in a chartreuse container. Some of the lighter ones I dipped, stems and all along with some dried Silver King artemisia, into a strong solution of bluing. (One advantage is that thistles dry well on their stems and are not brittle.) My resulting arrangement in a Delft container may not have rivaled Sir Joshua Revnolds' famous proof of what can be done with blues, but it was satisfying and praised by many of my friends.

At Christmas time, dried thistles are effective in wreaths, "as is," or tinted with a strong solution of red Tintex (one package to a quart of water). And they make a fine point of interest in a crusty-frost white arrangement. The "crusty-frost" is obtained by shaking up in a paper bag one cup of flour and one of artificial mica snow; then dip thistles, weeds, dried magnolia leaves, cedar, or what have you in water for a few minutes, drop into the paper bag, and shake well. If you are the patient type, stand them in milk bottles to dry overnight. I'm not, so I waited only an hour or so to make a centerpiece in a milk glass bowl. I flanked it with white tapers, lighted them, and stood back to revel in a sparkle that rivalled the happily remembered, frosted Christmas cards of childhood.



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Where Credit Is Due

EXPANSION ATTIC IN NEW JERSEY

Pages 44, 45: Plastic coated wall covering— Sanitas, Standard Coated Products Co. Plywood, sliding doors, flush door, natural finishes— U.S. Plywood Corp. Laminated plastic and adhesive—Formica Co. Gypsum board—National Gypsum Co. Floor Tile—Kentile, Inc. Insulation—National Mineral Wool Assoc. Desk lamp—Verplex Co. Curtains—Cortley Curtain Corp. Bedspreads—Cabin Crafts, Inc. Box spi mattresses and headboards—Simmons Lighting fixtures—Litecraft Mfg. Co. Box springs, simmons Co.

PORCH IN MINNESOTA

Page 50: Wind 'Flexivent."

2-WALL KITCHEN

Pages 52, 53: Geneva steel cabinets. Goodyear vinyl floor. Frigidaire refrigerator. Magic Chef range. Eureka waste disposer. Trade-Wind fan. Fenestra steel windows. C. H. Willett dining furniture.

L-SHAPED KITCHEN

Pages 54, 55: Crosley range, refrigerator, kitchen cabinets, counter tops, radio.

U-SHAPED KITCHEN

Valley Shag rug—Bel-Rug Mills. Lighting fix-ture—Howard Miller designed by George Nel-son. Victorian dolls—Mark Farmer. White and let chipwayer. Archara Straless. jet chinaware—Arzberg. Stainless steel flat-ware—Lauffer, Design 1.

FAMILY FOOD
Pages 74, 75: Placemat—Leacock Co. Inc.
"Fjord" stainless steel flatware, Dansk design "Fjord" stainless steel Tlatware, Dansk design
—Asher B. Etkes Assoc. "Danmark" skillet and
tureen.—Mark Acheson. "Candlewick" sherbet
glasses and plate—Imperial Glass Corp. "Morning Star" teaspoons—Oneida Ltd. Pie Plate and
rack—Sierra Columbia. Pyrex plate and casserole—Corning Glass Works. Gray casserole—
Hone Studies Hope Studios.

GOOD VICTUALS

Page 76: Pink leaf—Red Wing Potteries, Inc.
"Avon" platter—Wedgwood. Polka dot plates -Abels Wasserberg

TAKE A CAN

Pages 78, 79: "Lotus" covered vegetable dish—
Red Wing Potteries, Inc. Waring Blendor—
Waring Products Corp. "Smart Set" handle
tumblers—Pitman-Dreitzer. Dru-Iron casserole
—Evans International. Square fry-skillet—
Dominion Electric Co. Green casserole—Hall
China Co.

CANNY TIPS

Pages 82, 83: Rubbermaid spatula—Wooster
Rubber Co. Canning jors—Ball Brothers Co.
Miro-matic electric pressure pan—Aluminum
Goods Mfg. Co. Funnel—Foley Manufacturing
Co. Pyrex quart measure—Corning Glass Works.

HOW TO INSTALL SLIDING DOORS Page 100: Sliding Doors-U.S. Plywork
LOW-COST DRY WALLS

Page 108: Gyps

DOES YOUR SOIL NEED A CONDITIONER? Page 133: Monsanto Chem

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PHOTOGRAPHS

Atomic Energy Commission: page 8. United Press: page 8 (top left). Robert Keedy: pages 22, 23. L. C. Shutts: page 26. J. H. McFarland: page 30. Ulric Meisel: pages 36, 37. F. M. Demarest: pages 38, 39, 44, 45, 68, 74, 75, 76, 78, 79, 80, 82, 83, 84, 85, 98, 111 (lower). 136. Cox Studio: page 40 (lower). Photography Inc: pages 40, 41. Hans Namuth: pages 42 (top), 43 (top 3), 106 (top). N.Y. Herold-Tribune: pages 42 (lower), 43 (lower 2), 106 (lower 2). George de Gennaro: page 46. Frank Gaynor: pages 47, 66. George M. Ryan Studios: page 50. Kranzten Studio: pages 52, 53, 56, 57. Frank Lukas: pages 54, 55. American-Standard: page 60 (bathroom plans: blue bowl, extra-wide sides). Formica: pages 60, 61 (powder room: green built-in counter). Alliance Ware: page 60 (loud bowl built into wide counter). Kohler: page 60 (pentagonal corner tub). Eljer: page 61 (loud bowl built into wide counter). Kohler: page 60 (pentagonal corner tub). Eljer: page 61 (loud bowl built into wide counter). page 60 (pentagonal corner tub). Eljer: page 61 (tub with shelf). Universal Rundle: page 61 (tapered pedestal sink). Richard Garrison: page 67 (top). Ethel McCall Head: page 67 (lower). Tom Beaton: pages 100, 108, 111. Otto Maya: pages 126, 127, 130. Earl Prantzen: pages 134,

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Bob Peek: page 6. Margaret Fleming: pages 65 (top left), 70, 102, G. Green: page 65 (top right). Sigman-Ward: pages 64, 65 (lower). Edward Lehman: pages 68, 69. Harold Eldridge: pages 74, 75, 76, 78, 79. J. Greshan: page 122. Ray Abel: page 128. Leo Garel: page 132.

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2055-

lasting redwood on lightweight aluminum frame.

-50¢ Construction pattern for a long-chaise, same style as #2054.

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-45¢ This is a companion design to the above, for a desk lid. Enchanting scenic, could be used on a large tray or a headboard. Tracing pattern. Im 1373-

tern.

35¢ Small motifs to complete the painting designs of #1373 and #1374. These are for desk drawers and sides. Could be used on troys, boxes, etc.

35¢—Have you ever thought of using that beat-up leaky rowboat for a sandbox? It's perfect! To make it the moppet set headquarters, paint on these charming Marionette designs.

signs. -20¢ A tiny authentic fiery Dragon design to paint on a very small but.

1417—25¢ A nice summer project. Two
Chinese "Season" designs especially
planned to paint on plates, "Au
turn" and "Winter,"
design to above.

Chinese "Season" designs especially planned to paint on plates, "Auturn" and "Winter."

1418—25¢ Companion design to above. Two more Chinese designs for plates. These are "Spring" and "Summer." It was quilt designs to use for pillows! Just one block makes a pillow top. If you are ambitious you could make a quilt. "Log Cabin" and "Tumbling Blocks" are the designs.

1428—20¢ Still keeping something easy to do in mind, here's a lovely Bambool border to stencil on sheets and cases. Cool to look at and so decorative. Tracing pattern for stencils.

1435—20¢ Swedish weaving is easy-quick, and fun. 3 designs for Huck towels. and fun. 3 designs for Huck towels. It was a little something to your summer place, try these pineapple stencils on your walls. Large motifs, go on fast and look wonderful. Tracing pattern for stencils.

1441—35¢ A lovely versatile cool design of strowberries to paint on almost anything. Pattern includes instructions for painting wood, tin, glass, textile look real!

1455—20¢ If your small fry likes soldiers, here is a drum major to lead the band. A delightful mobile, easy to

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1465—20¢ Here is a lamp for a summe

1463—20¢ Here is a lamp for a summer house at mountainside or shore, rope bound base is a cinch to do.

1473—25¢ Paint your own masterpiece!
Beautiful summer bouquet, peonies in the foreground. Full size tracing pattern for a 16 by 20 inch canvas board.

pattern for a 16 by 20 inch canvast board.

1474—25¢ Get in the swim and paint! Another summer bouquet, featuring poppies, easy-to-do with our tracing pattern and numbered color key for 16 by 20 inch canvas.

1479—35¢ Cool crisp blue and white "Meissen Onion" design to paint on some of those antique boxes, buckets, china knobs and trays you have picked up at auction.

1480—30¢ For a quick decorative trick, paint your plain white shades with these cool blue and white Meissen Onion designs.

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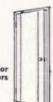


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Is Your Set Down

As a dinner bell, this old goblet still adds tone to your table. First, remove the base: score the bottom of the stem with a file, and tap gently. Over the broken stem, glue a little glass widget from a coffee percolator. For a clapper, use a large fake pearl suspended by heavy thread from a flat piece of cork, and glue the cork to the bottom of the bowl of the used-to-be glass. Spray handle and lip with flat black paint, and embellish with gold paper trim.

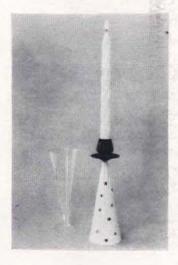




Odds-and-ends glasses and plates made this passing fancy. Take two goblets, one salad plate, one dinner plate. With glass adhesive, fasten one plate to the base of each goblet, so that you can use the finished product as an epergne or as two separate pedestal plates. When adhesive is firmly set, spray your creation with white paint. To transform it into "marble," spot-spray, while still wet, with flat black paint.

Long after its mates are gone, those
last few glasses from a set can enjoy new
careers. Turn them into winsome little
charmers for yourself, or for your friends

There's life in the old goblet yet—as a dainty small vase or a cigarette holder. Glue decorative brass house numerals (the zeros) around the outside of the bowl. Spray the interior with white paint. Then, after covering the numerals with masking tape for protection, spray the exterior with a flat black paint. Filled with flowers, it can bring a cheering message to a friend who is ill.



Bottoms up, the last of the Pilseners becomes a star-spangled candlestick. Invert it, and with a glass adhesive, fasten a small brandy glass to its base (the base of the Pilsener becomes a bobêche to catch the candle drippings). Spray the whole thing with white paint, and while the paint is still wet, spark it up with shiny gold paper stars. Then spray the top a contrasting color, shielding the finished star-spangled cone with masking tape or a paper shield while you spray away.

to SINGLES?

JOHN LIPPERT



A very fruitful finale for a sherbet that's seen better days. Begin by fastening a sauce dish to the glass with glass adhesive. Then collect rubber balls, artificial fruit, and fake foliage in assorted sizes, and pick and choose until you make an arrangement that suits you. Glue the "fruit" together, one layer at a time, allowing the glue to set before proceeding. For a cool midsummer look—or a very smart winter one—spray the whole business with flat white paint.

Here's a real hour glass for you! Cut, fit, and glue a cardboard disc to the inside of a small mold. Fasten a cup hook to the disc—off-center, about ½" from the rim. Suspend an inexpensive pocket watch from the hook. Top mold with fancy drawer pull. Then place mold atop a wine glass, but don't glue it. Make a "window" for the watch with masking tape, and then spray your hour glass with black paint. Gold paper trim winds it up.





When it comes to cooling

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Cool your entire house—every room in it! That's the rule bitter experience has taught home owners who thought they could get by with "room service" cooling ideas. For when it's hot, it's just as hot in your living room as it is in your bedroom.

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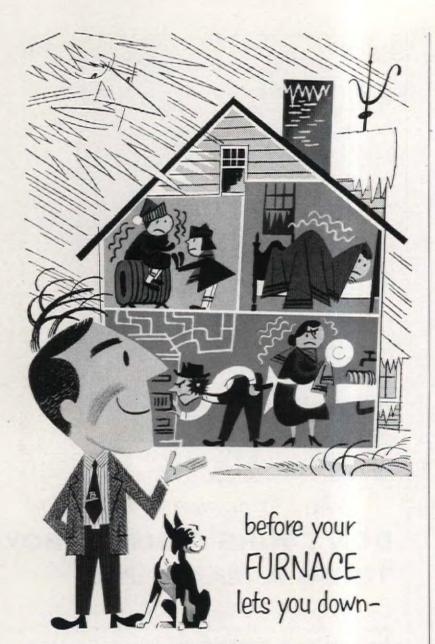
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		Yes, I want the facts on add system:	ing G-E Cooling to my p	resent heating
96)	I now own my own home unit isyears old. I have Forced Warm Air		
	1	Name	Tior Water or Steam El	Omer L.
G-E YEAR-	TIONING	Address		
COOLS IN		City	County	_State
COOLS IN	SUMMER		County	State

In Canada, Canadian General Electric Co., Ltd., 270 Evans Ave., Toronto 14



call Mr. B"

for a FREE heating check-up!

A furnace failure is *serious*. Before it happens to you, call "Mr. B"
—your nearby Bryant Home Comfort Dealer! He'll come to your
home by appointment; check your heating system from attic to
basement; recommend needed repairs or replacements; survey your
needs for dependable, luxury heating with a Bryant automatic gas

or oil furnace. It won't cost you a dime . . . and a free checkup now by "Mr. B" may save you discomfort and dollars aplenty later on. Phone your Bryant Home Comfort Dealer today!

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"MR. B"—your Bryant Home Comfort
Dealer—is easy to find. Look
for the sign of finest quality
home heating, air conditioning
and water heating—the Bryant
Dealer sign. Or look under
"BRYANT" in the yellow
pages of your phone directory.

OUR PATTERN FOR A LAVATORY



Did all that good news about bathrooms set you to dreaming? Well, here's one dream that's within easy reach, for we've blueprinted this enclosure for your lavatory to hold a host of things in space usually wasted. It's our Home Construction Pattern 2079, 50¢

SEE PATTERN ORDER FORM, PAGE 125

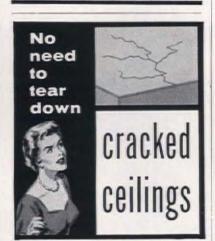
SMART PATTERN FOR A SEAT IN THE SUN



By now you probably realize that you need at least one more comfortable outdoor chair. So start making this one of substantial redwood slats set into a light, easy-to-handle aluminum frame. Weather-resistant, and built with Construction Pattern 2054, 50¢

SEE PATTERN ORDER FORM, PAGE 125





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Send FREE folder on Kuver-Krak Panels.

Address State

Curtain Time

(Begins on page 26)

an hour selling them in the neighborhood (they sold out the house). On the second day of vacation, "props" were rounded up: a helmet, overseas cap, packs, service medals and ribbons, three genuine army blankets, something resembling a bazooka. They repaired to Don's garage to make a sign for their camp—an ingenious contrivance of a lath and a wooden support block to which was taped a sheet of paper reading: "Camp Joe's, U.S. Army." Then, back to our place to make "seats" for the audience—boards supported by bricks.

Monday, with curtain time scheduled for 3:30 p.m., Director Don arrived to set up camp and the "captains" finished breakfast in record time. The bugler arrived, but he did not choose to bugle, and walked off the set. Substitutes were considered, and the Director decided he could sound reveille himself.

The play lasted about five minutes. Although we didn't have a big gate (many ticket holders were at their offices on Monday afternoon), the size of the crowd mattered little. The bugler reappeared at 3:25 and gave an admirable performance, but the Colonel forgot his part. The prompter was busy taking pictures and had misplaced the script. Things were pretty tense until he remembered: "How about some goodies, men?"

How to Finance

(Begins on page 70)

installment plan payment for short terms. (This is not the same as #3 where the dealer or contractor secures a loan for you from a bank or lending institution. In the case of #3, you owe the money to the *lending institution;* in the case of short-term installment, you owe to the *dealer* or *contractor.*) If you use this plan, make sure that the carrying charges (if any) are no greater than the interest you would pay on a bank loan you secured for yourself.

5. If Your Place of Employment Has a Credit Union, be sure to find out about their terms. See how maximum loan and interest rates measure up with other loans you can make.

6. Pay-as-You-Go. Careful planning of both your budget and your home-improvement projects, coupled with plenty of do-it-yourself work, often eliminates the expense and bother of borrowing.

A FEW THINGS TO WATCH

- 1. Borrow no more than you need.
- 2. Shop for the best terms.
- 3. Repay as quickly as you comfortably can, but remember that large monthly payments sometimes loom larger as time passes.



All 6 of these remodeling plans -yours for only 25c

Yes—here is a kit of remodeling plans for six beautiful basement and attic rooms—complete right down to materials to use for walls, floors and ceilings—plus "how-do-it" sketches and diagrams!

And these rooms are far from ordinary! Each has the extra charm and utility of colorful Nu-Wood® interior finish—the extra comfort of Balsam-Wool® Insulation. And each room has fresh, new features to make your living more convenient, more comfortable.

You'll find new ways to make a combination laundry and party room—an attic apartment—a "circus" nursery—an attic music room—a nautical basement playroom—an extra attic bedroom. You can't lose—and have much to gain by sending for these helpful folders now. Just mail the coupon: Wood Conversion Company, Dept. 114-85, First National Bank Building, St. Paul 1, Minnesota.



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Guaranteed Insulation

NU-WOOD

Interior Finish

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Please 25 cent		ne y	our	six	ren	nod	lelin	ng	fol	der	s o	n a	atti	c a	nd	Ьа	ser	nen	t re	oor	ns.	I	encl	086
Name.																								
Addres	s																					* *		
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She deserves a bouquet for insisting on Penn, the room thermostat that automatically maintains room temperature within one degree. No more "Hot-'n-Cold" living, no more "thermostat twiddling" for her!

The Penn control keeps this comfortable, even temperature because its amazing "weather sense" anticipates temperature changes and commands your heating system to compensate for them. Result: your whole family enjoys greater comfort, better health.

Best of all, this Penn control — even with its automatic heat anticipation, its smart new look that blends with any decor, costs no more than ordinary thermostats! Whether you're building or remodeling, ask your contractor for Penn. Penn Controls, Inc., Goshen, Indiana

for all-season comfort with home air-conditioning

Choose this dependable Penn combination heating and cooling system thermostat. Gives you automatic control of home temperature the year 'round.





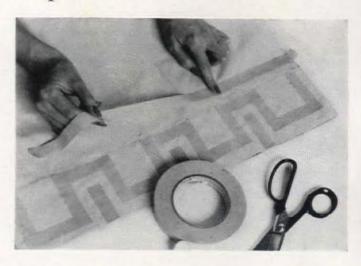
AUTOMATIC CONTROLS

Selected by leading manufacturers for over 30 years

FOR HEATING, REFRIGERATION, AIR CONDITIONING, PUMPS, AIR COMPRESSORS, ENGINES, GAS APPLIANCES

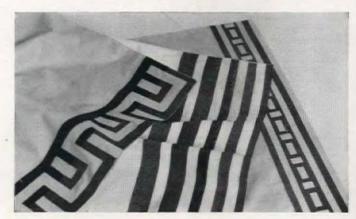
SPEEDY FABRIC PAINTING

Tape and Paint Roller Does It!



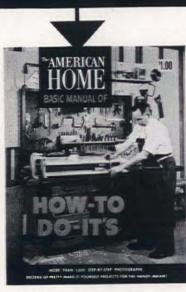
Want to give a spendthrift look to your bed or table linens, to those curtains-made-from-sheeting, or to a plain, smooth-textured bedspread? Then roll on some pattern this way, using fabric paint that will stay on through launderings. First, apply masking tape in a geometric design, making sure that you press it down hard, so no paint can sneak under the edges. Next, following directions on the jar, mix fabric paint in a cake tin or other shallow pan. Saturate a small roller in the paint—and roll away! To keep paint from getting where it doesn't belong, use newspaper to block off the area to be painted (see picture below).





When paint is throughly dry, peel off the tape, and admire the results—the area under the masking tape will remain the original color of the fabric, while the part that was exposed gets the paint. Simple, straight-edged patterns are easiest and quickest, but if you're ambitious, you might try polka dots, hearts, etc.





For the Handy Man—and the Handy Ma'am—a comprehensive collection of 139 of our best how-to's, written by experts, and tested by amateurs like yourself. If you want to learn how to:

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- Know what lumber to buy—and how to upgrade it
- Know what tools to buy, where to keep them, how to care for and use them—

Stop looking! You'll find all that information, and lots more, in the nearly 200 pages of this book. There are 66 stories on remodeling, improving, and maintaining your home indoors and out; 37 stories on building and repairing furniture; 18 on tools and materials; and dozens of tricks to make how-to-do-it's easier and more satisfying. Buy one at your newsstand, or mail the coupon below.

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	CAN HOME, Dept. BM

McLarrys of Dallas

(Begins on page 36)

all the space they desired. No uprooting was necessary.

But let's begin at the beginning. When the McLarrys, instead of moving, took a good look at what they already owned, their eyes lit upon the attached garage-a wing next to their dining room and kitchen. Why not put it to work as part of the house proper, using most of the space for a large dining room, and adding the rest of the area to their small kitchen? That they did-and they have a big kitchen-laundry now, plus a dining room large enough for real Texas hospitality. The former dining room, freed of its duties, has been added to the living room's area, thus turning a middle-sized oblong into a spacious L-shaped room complete with piano and built-in bookcases.

The second living room? That was easy. Before remodeling they had a screened porch opening upon a small rear terrace. Adding three feet to the porch and enclosing it gave them as trim and tidy and airy a family room as any family could wish.

The family car, dispossessed from the garage-turned-dining-room, is now housed in a separate garage that's very much a part of the expansion story, for it was built two stories high—large enough downstairs for the car plus a workshop; and upstairs, for that extra bedroom and bath.

Other wonders were wrought by adding one good garage. They set the new structure well back on their property (its driveway is entered from a side street) and connected it with the house by a breezeway to create a protected area for outdoor lounging. Sheltered from the north, it can be used the whole year round, and the addition of paving and a barbecue makes it a perfect spot for outdoor entertaining.

Thus a remodeling more clever than drastic turned a good house into a better house still, a house that grew up with its owners. There are more rooms, and larger rooms now. Yet there were few expensive changes to foundation, roof, or supporting walls. It's the same gracious home, looking much as it did from the street side, and save for a small area around the enlarged porch, even the foundation planting remained intact.

ATTENTION NORTHWEST!

"The play's the thing" in Ashland, when the Oregon Shake-spearian Festival opens on August 1st for its 20th season! The outdoor stage, a reproduction of the Fortune Theatre of Shake-speare's day, is a perfect background for this series.

New Westinghouse Air Conditioning Idea Offers America's "Easiest-to-Keep-Clean House"



One Unit Cools and Heats . . . Second Unit Cleans Air Electronically . . . Makes Major Savings in Housecleaning Costs

Now — a brand new kind of household saving can put year-round air conditioning into practically any budget.

Simply add electronic air cleaning to air conditioning with the exclusive Westinghouse PRECIPITRON. It keeps 90% of all airborne dirt and dust out of your home. It eliminates practically all airborne grime that discolors walls, rugs, upholstery, ceilings.

PRECIPITRON can save hundreds of dollars a year, and, in time, pay for your entire air conditioning system. Imagine saving one "maid's day" a week . . . one painting and decorating job out of two.

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PRECIPITRON.® Year-Round Electronic Air Cleaner. Supplies purest possible air to every room. Easy to install. Nothing to clog. No filters to buy or change. Uses no more current than 60-watt bulb.

COOLING UNIT. Cools entire house from basement to attic. Removes excess moisture. Automatic or manual control.

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				. Number of rooms in home.	
				When built. Type heating:	

Warm air	☐ Steam	Other
----------	---------	-------

We	are	thinking	of	buying	a	new	
hon	ne.						

			conditionii
our	present	home.	

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"Best-looking home in the neighborhood"—that's what they'll say when they see beautiful Habitant natural wood fence around your house and grounds. Habitant Fence protects your lawn and garden from dogs, thoughtless children and trespassers, keeps your own children and pets safe at home. Styles range from high, tight woven screen fences that afford maximum privacy to low spaced lattice and picket designs . . factory fabricated to fit your exact ground plan. Shipped in sections with single or double gates and all necessary hardware ready to install. Write today for free full color catalog describing Habitant Wood Fence, Habitant Lifetime Fence (wood and steel) and accessories for lawn and garden . . . also our informative booklet, "So You're Going to Buy a Fence?"



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Instructions, photos, diagrams, etc. showing how to do hundreds of cement building, patching, and repairing jobs with SAKRETE. Write SAKRETE, Inc., Dept. 12, Cincinnati 17, Ohio.

for home use!





WHOSE GARDEN?



"Please tell her how thin she's getting."

DOUGLAS A. BARBOUR

In the spring, we are told that, with buds popping, the lawn greening, the flowers appearing, the whole earth has taken on new life. How fine it sounds! The "new life" is, presumably, the family garden—and there's more to it than meets the eye, according to my fishing buddy up on Mockingbird Ridge, who, for (his) security reasons, I cannot identify further. Here's the way he says it goes in his case. . . .

As soon as winter starts to wane, and until well past the Ides of March, he is the target for a cross-fire of directives from the little Woman each time he gets home. First, it's like this: "If you don't get my garden dug, it'll be too late to plant it." Then (high and inside for strike two): "Why don't you bring home those cabbage plants for my garden?" Next, she wastes one like: "I need some fertilizer and onion sets for my garden." And so on, requisition after requisition—and all of them "for MY garden."

Finally, just before her ever-loving decides that all her waking thoughts begin with "Gimme—get me—have you got—will you get," the garden is actually planted. Sure enough, it turns out real pretty. So Papa duly compliments Mama on her project.

But then, just as sure as spring, come July and August—and hot, dry spells. And some more "new life" comes into the picture. The old man gets home from work—hot, tired, and ready for a cooling drink and a seat in the shade—and before he can get his shoes off, he hears Mama say, "Better get out and hoe your garden, Boy. The weeds are taking over." . . . And now it's YOUR garden, mind you. . . . No sir. It's a losing fight.

WHOSE FLOWERS WILL WIN?

A merican Home Achievement Medals for new gladiolus and dahlia varieties will be offered at August flower shows as follows:

GLADIOLUS: Aug. 3, 4 at Boonton, N. J. Aug. 6, 7 at Algona, Ia.; Lebanon, Pa.; Aug. 7, 8—Wheeling, W. Va.; Aug. 13—Glens Falls, N. Y.; Aug. 13, 14—Dundalk, Md.; St. Hyacinthe, Quebec; St. Clair, Mich.; Wabash, Ind.; Auburn, Wash. Aug. 14—Midland, Mich. Aug. 14, 15—Springfield, Ill. Aug. 15, 16—Boston, Mass. Aug. 16, 17—Binghamton, N. Y.; Waterville, O. Aug. 17—Grants Pass, Ore. Aug. 20, 21—Mesick, Mich.; Marinette, Wis.; Chicago, Ill.; Philadelphia, Pa.; Waterloo, Ia.; Barre, Vt.; East Aurora, N. Y.; Cleveland, O.; South Portland, Me.

DAHLIAS: Aug. 6, 7—San Diego, Calif. Aug. 20, 21—Santa Ana, Calif. Aug. 25, 26—Bremerton, Wash.; San Francisco; Forty Fort, Pa. Aug. 27, 28—Inglewood and San Leandro, Calif.

THESE HORRID AGE SPOTS*



SEND NO MONEY-7 DAY TRIAL TEST

Send name and address, Pay only \$2.00 on arr plus C.D.D. postage and tax on guarantee you in be satisfied with first results or return remain ESOTERICA for money back. Or save money. 8 \$2.20 which includes tax and we pay postage. 83

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assortment of gorgeous colors. Every bulb circumference—as large around as a Half not the small "bargein" grade. Order NOW—a thest time for fall planting. No C. O. D. 'a. THE WHITTEN NURSERIES, Box 265 Bridge





New radiant color creations sell on sight, pay you \$1.05 per box! Tall Cards, 21 & 25-Card \$1 Assts., Name-in-Red Parchment. Cards at 30 e sech, Religious Kodachromes, 175 fast-sellers, Profits to 100%, plus \$10-\$50 iiii Bonus Gifts! Assortments on Approval. FREE! Imprints Free, Act fast—get \$1 Gift FREE. Write now! Creative Card Co., 4401 Cermak Rd. Dept. 14-8, Chicago 23, III.

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DOES YOUR SOIL NEED A

THIS SIMPLE "CIGARETTE" TEST WILL TELL-AND QUICKLY



Take a small handful of dry soil from the plot you wonder about, and add a few drops of water . . .



Mix thoroughly, so soil is evenly moistened, but not sloppily wet. Try to knead it in the fingers . . .

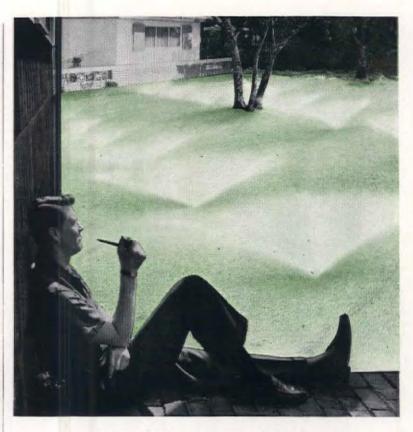


If it remains loose and granular, adding chemical soil conditioner will probably not improve it. But . . .



If you can mold a firm "cigarette," like this, a conditioner should greatly improve the soil structure

See "Where Credit Is Due," page 124



HIS SUMMERTIME LIVIN' IS EASY-AND COSTS LESS, TOO

GOODFY

UNDERGROUND LAWN SPRINKLING SYSTEM

700 can put yourself in this picture of easy livin' with a Y Goodyear Underground Lawn Sprinkling System.

And when you do you'll save on water bills because controlled sprinkling waters your lawn "right as rain" and does the job without puddles or run-off.

You'll save the time you spend with a hose or sprinkler save the work, too. You just turn a tap to do the job-right!

Goodyear's system is easy to install and lasts indefinitely because it's all rubber. Pipe, fittings, and heads can't rust or rot, withstand freezing weather, are not affected by soil conditions or fertilizer.

You can buy a 12-head Goodyear System to cover a 30 x 40foot lawn for as little as \$50.00. There are no kits, you buy only what you need, possibly pay for it if you wish with a home improvement loan.

Your hardware or garden supply store can give you full information on a Goodyear Underground Lawn Sprinkling System or write for free literature to Goodyear, Box 63, Akron, Ohio.

DO IT YOURSELF-IT'S THIS EASY

All you need is a knife and a spade



FIRST, plan system, Mark sprinkler-head locations with stakes. Lay pipe along stakes.



NEXT, cut pipe at stakes, roughen ends. Cement fittings to pipe. Tie heads to stakes.



THEN, test system. Unfie heads. Slit ground 6-8 inches deep. Sink system, heads ground-level. Tamp.



I told him that one important measure of heating quality is economy. And for the greatest combination of economy features, no furnace can beat the new Janitrol model

First, the Dura-tube heating heart is practically indestructible, so it will never have to be replaced. Second, the Dura-tube furnace heats up faster when thermostat calls for heat. Next, its overall quality construction means expensive service calls are cut. And fourth, Janitrol's 40% greater air filter capacity saves you time and expense, since your home and furnishings will be kept cleaner . . . longer . . . filters need less replacement!



___State_

Collection Blooms



Paneled grape pattern has frosted handles. A similar pattern was , made with clear handles. Reproductions exist of each, but an experienced eye can detect them

Next to the sparkling small compote is a "nappie," a versatile item for serving soup, dessert, or what have you? Filled with ice and topped by a smaller bowl, it's fine for sherbet, or for fish or fruit cocktail



LURA TULARSKI

Who but Kay Harris would have had the nerve to jiggle-jaggle a trailer load of antiques (including porcelain and glassware) over the dirt road from Jiggs, Nevada, up an 8,000-foot rocky pass, and down again to Ruby Valley? But Kay Harris, a cosmopolitan gal who now lives on a remote sheep ranch in the desert 90 miles from Elko, Nevada, isn't one to balk at taking a chance. Besides, she believes in living with her treasures. Among the items she transported from California are more than 70 handsome pieces of American pressed glass in the panel grape pattern. In their brilliance they almost out-sparkle the clear desert stars.

To get her story, we had to do a bit of adventuring too. Two trips to the ranch produced unsatisfactory pictures. Then the pass closed up with snow, and no photographer wanted to take his equipment over 130 miles of road—mostly dirt. But (what else would you expect?) Kay Harris brought some of her glass over that same "impossible" road to Elko for us to photograph.

When she first started collecting antiques, Mrs. Harris made the usual error—she acquired a number of unrelated items. But gradually her awareness of glassware became more

in the Desert

acute, and after a great deal of reading and inquiry, she settled upon this particular pressed glass pattern, first made in the mid-19th century. Like most collectors of glassware, she hopes one day to be able to assemble a complete set. During the past 20 years, she has pursued it from San Francisco to Florida, finding examples in large towns and



small, after hunting, searching, and questioning

One day she bought the bottom of a butter dish-the cost, \$8.25. But her collector's intuition seemed to fail her, for years passed without producing a matching top. Then, guided by that radar with which all collectors are somehow equipped (it's the thing that makes them turn their cars around in the middle of a road, mumbling "Thought I saw something back there"), she decided to purchase a tub full of jars and lids. At the bottom, she found an unbroken lid for her butter dish. That cost 25¢.

Being a systematic collector, Mrs. Harris has had each piece of pressed glass examined and certified by Gumps of San Francisco, who also gave her invaluable advice for telling a 19th century original from a modern copy. They told her that the untrained eye can easily spot the irregularities that usually mark the antiques-infinite irregularities in the stems; bubbles, especially in the bases; variations in pattern which are almost always present in hand-worked items. Compare an original and a copy side by side, and you'll also learn to detect the differences.

Mrs. Harris uses her collection, not only to "dress" cupboards and shelves, but to eat from as well. Her set isn't yet completebut with her luck, she may someday open a cupboard in an abandoned house and discover, among the dust and broken crockery of another family's living, the creamer, large compote, or celery holder she has been seeking!



Clusters of grapes and foliage, and heavy panels, curved to trap the light, characterize this pattern. The grape also appeared in many other early pressed glass patterns, colored and clear



...telling my husband how to modernize for 365-day comfort"



These Janitrol Win-Sum Twins, a furnace and summer conditioner, occupy less than one-half the space of the old furnace they replaced (shown below). Yet, they give 365-day comfort for every room in the home . . . cool in summer, heat in winter.



Here's the old furnace, which had efficiently operated with a Janitrol gas burner for over 27 years! No wonder the owners insisted on Janitrol equipment for their new all-year conditioning system!



Now you can add even more livability to older homes by replacing your present furnace with the Janitrol Win-Sum Twins. Enjoy the health and comfort of year 'round conditioning while you add extra value and salability to your home. This modernization is approved for F.H.A. loans. Find out how little it costs. Just call your Janitrol Dealer.

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Dept. Z-855, Seneca Falls, N. Y. Enclosed is 10¢. Please send 20-page pump booklet and distributor's name.

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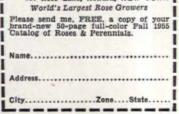
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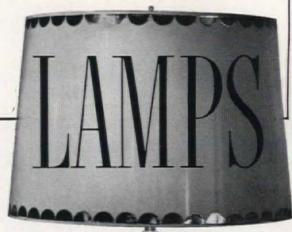




Glass candy jars, asparkle with charm, reflect your personality when you turn them into lamps and decorate or fill them with flowers, sea shells, what you will. This licorice stick jar, elegantly slender, was drilled for a wiring rod. Around the rod, artificial flowers were arranged-large blossoms at the bottom, graduated sizes ranging upwards-and how cheering will be this mid-summer "bouquet" come those bleak winter months ahead! The arrangement complete, we wired it in place. We covered the shade with daisy-embroidered organdy stretched taut and topped with picot ribbon.

DOROTHY LAMBERT TRUMM

THEY SPARKLE AS



We were so pleased with the shape of this round jar that we decided to leave it unadorned. No need for the drilling of holes, for we fitted a cap top, complete with wiring, to the opening of the jar. No unsightly rod spoils the beauty of the basewhich, bubble-like, reflects the colors surrounding it. A quick trick turns the border of a plain shade into a fancy scalloped affair. Its secret? Gold notary seals cut in half, and glued around the top and bottom. That's all there is to it!





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THE AMERICAN HOME American Home Bldg. Forest Hills, New York

Lyric Drama

(Begins on page 32)

than it has elsewhere, and we have no right to ignore it, particularly in a presentation managed with the breezy expertise of the practised performers in the neat but unspectacular recording of London International.

The Saint of Bleecker Street. brand-new but pretty familiar in its essence, a carnival of the Italian realism of the first years of this century and a vocal line vaguely Puccinian, has won the Broadway success that cannot be withheld from any opera with a scene in a subway station. The characters are lay figures, as were most of Verdi's, but that grand old man gave them life. Mr. Menotti's choruses show the promise that this composer has always shown, but nothing else is memorable. The tenor, David Poleri, distinguishes himself in a part without distinction, and the others do what they can. The engineers are the heroes in an edition of superb sonic values-clear, thorough, deep, exact and lambent, a triumph of reproduction.

THE MERCURY AMERICANS

We do not prefer music on the basis of its nationality any more than we prefer saints, fishes, or paintings. But there is American music worth hearing, and Mercury records have made some of it available in a series of discs recorded by the Eastman-Rochester Orchestra to a singularly and consistently high standard of technical excellence. Dr. Howard Hanson is the conductor in all, and this man, himself a composer, earns the thanks of his fellows for the understanding sympathy with which he has supplemented the scholarly competence of his direction.

There are nine of these records. every one containing music not recorded elsewhere. In addition to the brilliant orchestral registration accorded to all, four contain compositions of real and lasting interest. First is MacDowell's Indian Suite, a sturdy set of paintings sixty years old and still fresh (MG40009), followed by the Through the Looking-Glass of Mr. Deems Taylor (MG40008). an amazingly ingratiating and amusing fantasy by a composer whose achievements are paltry. other MG40012 devotes one full side to Charles Griffes, and may be called the definitive record of that great promise which died before fulfillment; while the second side contains two works by the late Charles Loeffler, well built and dull. Finally, MG40013 offers a work apiece by the Messrs. Quincy Porter. Richard Donovan, and Wells Hively, each with enough individuality resourcefulness to compel respect.

RECOMMENDATIONS AND WARNINGS Admirers of the Mozartean abilities of the English conductor John CONTINUED ON PAGE 138

news

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Makers of the famous "Elec-Trivet by Paragon"

Lyric Drama (Begins on page 32)

Pritchard are herewith given notice that the piano tone in the disc of Mozart's Concertos 27 and 17 (Epic LC-3117) is artificial and ugly beyond toleration, spoiling the pleasure we could have in the limpid playing of the Vienna Symphony Orchestra and the playing, less limpid, of the soloist, Hans Henkemans. Epic redeems herself on LC-3059 with the best performance and sound of Haydn's Symphony No. 85 ("La Reine") and a telling interpretation, in similar sound, of the Haydn "Mourning" Symphony, No. 44, both by the Vienna Symphony Orchestra conducted by Paul Sacher. Vivaldi's Four Seasons has a fourth recording, a very bright one on Boston B-400, to compete with the extremely different style of the London disc conducted by Karl Münchinger, the standard until now. The new version is played by those members of the Boston Symphony Orchestra who call themselves the Zimbler Sinfonietta, who make the seasons crackle with energy and decision where the London group prefers a far gentler climatic survey, a snugger aspect of nature. One seems as

The latest record of the lamented Wilhelm Furtwängler is not only the most successful of all Furtwängler discs, but is one of the finest orchestral statements recorded anywhere. It is one of those rarities entirely unexpected-a collection of four works all superbly handled, by conductor, orchestra, and recording engineers. This is RCA Victor LHMV 19, containing two Strauss tone-poems, Don Juan and Till Eulenspiegel, and two Weber overtures, Euryanthe and Der Freischütz, ablaze with romantic sentiment and orchestral glory, no details missing. Indispensable.

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(713-714) to enable Miss Inez Matthews to triumph over insufficient experience in the two great Schubert song-cycles Die Schöne Müllerin and Die Winterreise. A pair of Flute Concertos by Karl Stamitz, played and conducted by Kurt Redel on Oiseau-Lyre 50035, display in beguiling fashion the elegant emptiness -which only seems empty after reflection-that makes the music of the last half of the 18th century the easiest of all to like; and Guiomar Novaes, completing the Chopin Études for Vox (9070) with the twelve of Op. 10, first Scherzo added, shows how great these trifles are when they are unhurried and the virtuosity is submissive.



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J. K. VINSON

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-but no matter what we did, those three garbage cans, like three monsters, lurked beside the house spoiling the picture.

For months, my wife had been after me to build a wellcomplete with morning glories and climbing roses. Wives have a way of getting what they want, so I picked up some posts, redwood planks, and 60 six-foot cedar planks which I ran lengthwise, notched at each end to form a box about 31/2' deep, for the well itself. I added a gabled roof, hung the oaken bucket.

"Why in the world did you make it so big?" my wife asked. Well, now, those three monstrous garbage cans, plus rakes, shovels, hose, and other garden tools are conveniently sunk out of sight. Our Mexican garbage man doesn't object to lifting the cans from the well. "Es muy bonito", he says. We heartily agree.



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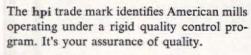
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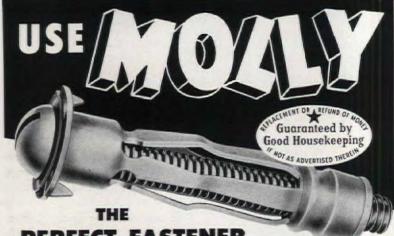
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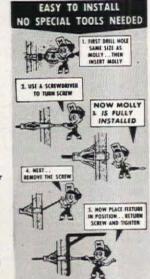
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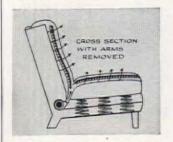
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(Data from Nat'l Agricultural Chemicals Ass'n's News and Pesticide Review, January-February, 1955)

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