

Meet Some American Pioneers

Museum Home on the Florida Coast • \$60 Sprinkling System

BEGINNING A POSTWAR BUYING PRIMER



This kitchen has the whole town talking

HONESTLY, I don't think the people in our town are ever going to get over talking about Kay Wilson's kitchen.

Only last week Madge Parker was on the phone with that "have you heard" note in her voice. It seems the minister

dropped in to call and Kay, as if it were the most natural thing in the world, invited him to stay and have supper in the kitchen. Then there's my new neighbor "so anxious to meet Mrs. Wilson"-simply because she's dying to see Kay's kitchen.

Kay says she never knew she had so many friends, or heard more flimsy excuses for people dropping in. And there's hardly a week that Mr. Davidson doesn't bring out someone to see the Armstrong's Linoleum Floor that his store installed.

The talk about Kay's kitchen started 'way back when she first began to plan it. From the hints Kay dropped, some of the girls thought it was going to be one of those tricky push-button affairs. But instead, it's really the most practical kitchen you've ever seen.

Imagine being able to open those folding doors and have everything in front of you, right where you can find it without hunting. And then, when the meal has been prepared, being able to whisk the doors shut and put everything out of sight, cre-

ating an atmosphere for dining that makes the clever little drop-down table the pleasantest place in the house to eat.

Kay says that she has lost count of the number of times she has demonstrated how quickly she can make the change-over from a "working kitchen" to a charming spot for cozy dining. But she hasn't lost any of her first enthusiasm. I heard her just last week talking to one of the people Mr. Davidson brought out-and was he pleased with the way she talked about her Armstrong's Linoleum Floor! She said that her kitchen idea just wouldn't have worked without it. And she's right, too. There's no other floor that's so practical and easy to clean for a working area-and at the same time so attractive that it's a smart setting for dining.



OPEN

READY FOR WORK!

Slide back those folding doors and everything is right at hand. No fuss and clatter hunting things—no wasted mo-tions. Another real worksaver is the customstyled, easy-to-clean floor of Armstrong's Marbelle Linoleum. Your linoleum merchant will help you plan an equally smart floor, even though his se-lection is limited today.

CLOSED

READY FOR DINING!

Everything is hidden a room so smart that eating in the kitchen be-comes a special occa-sion. List of furnishings and room plan will be sent free. And for a whole book of smart ideas like this, see the offer below

BOOK OF SMART IDEAS for kitchens and every room in your house will be sent if you write for "Ideas for Old Rooms and New" by Hazel Dell Brown. It's filled with practical tips from the scrapbook of this famous decorator. Send 10¢ (outside U.S.A., 40¢). Armstrong Cork Company, Floor Div., 4509 Pine St., Lancaster, Pa.

ARMSTRONG'S LINOLEUM FLOORS

for every room (A) in the house



THE FRIEDLUNDS OF MINNEAPOLIS

MEET THE NEW G-E ELECTRIC SINK







Recently, Harold Friedlund, his wife, Louise, and their three daughters, visited a G-E All-Electric Kitchen. Mrs. Friedlund just raved about the new G-E Dishwasher. "I wouldn't have believed it if I hadn't seen it! A whole day's dishes washed, rinsed, and dried—completely automatically—in a few minutes! And cleaner than I could do it by hand!"



"The G-E Disposall interests me?" said Mr. Friedlund. "It disposes of food waste electrically!" Just scrape food waste off the dishes and down the Disposall. Close the cover, turn on the cold water. Whoosh! Garbage problems disposed of instantly! The G-E Dishwasher and G-E Disposall may be purchased separately, or as a unit. The two together are known as the "G-E Electric Sink."







Now you see it—now you don't! Jean and Jane, sixyear-old twins, are spell-bound by the G-E Disposall! Food waste—even bones—vanish in a jiffy. All shredded up and flushed neatly away down this self-cleaning electric drain which fits into most any kitchen sink. "So sanitary!" exclaims Mrs. Friedlund.



"It's super!" Barbara Ann can't get over the G-E Dishwasher! "Just put dishes in, turn the switch and forget them!" Small families will wash dishes just once a day. Large families, twice a day. Helps cut down on dishbreakage, saves hands. "Guess we'll start an Electric Sink Fund," says Mr. Friedlund. "We sure want one of these!" General Electric Co., Bridgeport, Conn.



For the Complete Table-to-Shelf Dish Job:

DISHWASHER AND DISPOSALL

FOR GOOD LISTENING: Don't miss Art Linkletter, in "The G-E House Party," every afternoon, Monday through Friday, 4 p.m., E.W.T., CBS. "The G-E All-Girl Orchestra," Sunday, 10 p.m., E.W.T., NBC. "The World Today," News, Monday through Friday, 6:45 p.m., E.W.T., CBS. FOR FINAL VICTORY—BUY AND HOLD MORE WAR BONDS





"Things to get for our home

when Harry returns"

ENSIGN HARRY'S WIFE has a war job today. But she keeps a scrapbook of ideas for the home they'll have when Harry comes back. And the War Bonds she buys will help it come true.

Today, Seth Thomas* clocks are not available. All our facilities are producing intricate timing devices for war. But soon, we hope, you'll again see traditionally accurate and dependable Seth Thomas self-starting electric and spring-wound clocks in better stores everywhere. The best is always worth waiting for.

SETH THOMAS IS REG. U. S. PAT. OFF.



Seth Thomas Clocks THOMASTON

SELF-STARTING ELECTRIC OR SPRING-WOUND

A product of GENERAL TIME Instruments Corporation



THE CITY of Saint Jo, Texas (pop. 1000), has something that we feel any sized city would be proud of—a bright and cheerful City Hall. Our two offices, both decorated alike, are far from the usual drab, dank-odored "courthouse" offices. Our color scheme is light and gay—white, ivory, and green predominates with

aluminum plate for the vault door. Fastened to each window sill with brackets is a little shelf 21/2 feet long by 6 inches, on which our vines and pot plants are placed. At one window is a trellis held away from the window frame by two spools. In the center of the shelf is a pot of branching ivy and this has completely covered the window with a beautiful green filigree of leaves. Another window has a pot of ivy at one side with branches shooting up the length of the window; on the other side, a potted Arrowhead Plant set on the floor has grown tall enough to tower above the top of the window. At a third window is a Grape Ivy, a Chinese Lily, and a small Cacti plant. Across the fourth window, from which is a water vase of ivy, is the main desk.

Everywhere there is a charm and brightness—our challenge to more beautiful and livable municipal offices!

> -MISS JESS CHANCEY, City Secretary





Windows trellised with ivy give municipal offices in the Saint Jo, Tex., City Hall a unique and thoroughly charming note. At right: more window motif. This time with ivy and a towering Arrowhead Plant. Central shelves keep window sills from being soiled by the flower containers

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"Okay-I am!

"Because the wedding was so sweet. And my sister looked so beautiful. And I'm so happy for her!

"Oh, to be a bride again, instead of matron-of-honor! So much more romantic . . . and besides, I'd like to be getting those War Bonds the relatives crashed through with. Not to mention the dreamy Cannon Percale Sheets that were my contribution!

"Buying those Cannon Percale beauties for Sis certainly tempted me to get more for myself! But no. The ones I do own, bless their long-lived hearts, will get me by. So for now I'll merely pass on my true experiences to gals who really need sheets!"

Girl Meets Boy. Uh-huh, love at first sight. I can tell, because suddenly I start thinking about family silver...china...and a whole closetful of soft, smooth Cannon Percale Sheets—sweetest-sleeping things a gal can start housekeeping with!





I Whisper "Yes." Time to get practical. So I price Cannon Percales—find they give you up-in-theclouds luxury at down-to-earth prices! Over the Threshold I Go. I discover Cannon Percales save about \$3.25 per bed per year at average pound laundry rates—because percale's lighter. Finer, too—Cannon Percales are woven with 25% more threads than best-grade muslins!





Comes the Patter of Little Feet. Young sprouts are extra-hard on sheets. I get to appreciate what wonders Cannon Percales are for wear!

Put on Long Gray Whiskers and tell all the gals getting married today to look for that Cannon label! If you can't find just the size you want in Cannon Percales, ask to see Cannon Muslin Sheets—a real value!



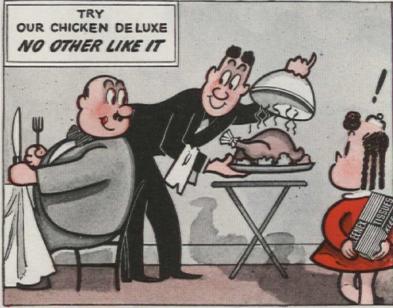


I Bow Out with this reminder: Cannon also makes scrumptious Towels! (And here's another reminder: the U. S. Government makes wonderful War Bonds and Stamps!)

Cannon Percale Sheets

Made by the Makers of Cannon Towels and Hosiery

CANNON MILLS, INC., NEW YORK 13, N. Y. * For Victory, Buy U. S. War Bonds and Stamps









SEPT., 1945 Vol. XXXIV, No. 4

Cover: Photograph by Maynard L. Parker See page 2

Special Monthly Features

Children

Decorating

Gardening

Making Cut Roses Last Longer Dr. G. Griffin Lewis, Dr. Joseph E. Howland 22 Why Will You Plant Like Thisl Thomas J. Baird 61 \$60.00 Homemade Sprinkling System . Jules Demonet 64 If Your Wisteria Won't Bloom Jules Demonet 68

Handicraft

Patterns with a Past! . . John B. Bade 54

Homes and Maintenance

Food, Parties, Housekeeping

Inspirational

BUY MORE WAR BONDS!

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You need not go back very far to find how times have changed. Only a few years—and what clothes, what hair-dos, what ideas of grooming! And few changes have been more intelligently "different" than the Tampax method for monthly sanitary protection! Based on the principle of internal absorption, this method successfully eliminates all pins, belts and external pads, as well as the bulges and ridges caused thereby.

Tampax is made of compressed surgical absorbent cotton enclosed

NO BELTS

NO PINS

NO PADS

NO ODOR

in individual applicators so neat and ingenious your hands needn't touch the Tampax at all! Being worn internally, Tampax

can cause no odor to form. And there are no disposal difficulties. Tampax is handy to carry and speedy to change, and is so comfortable the user cannot feel it when in place!

Sold at drug stores and notion counters in three different absorbencies to meet varying individual needs: Regular, Super, Junior. Whole month's average supply will go into your purse; for 4 months' supply get the Economy Box. Tampax Incorporated, Palmer, Mass.



Accepted for Advertising by the Journal of the American Medical Association

After the Honeymoon

After the rice has been cleared out of the suitcases and a rose from the bridal bouquet pressed and put away—after the last thank-you note has been duly written and the first dinner invitation issued—the wonderful real living of a marriage begins. Unimportant details take on precious significance: a woman feels unexplainable joy in stocking the cupboard or polishing the spoons : : a man finds new meaning in such simple actions as walking up his street and turning toward his own front door.

At this time the new husband—establishing his home and providing for his wife—realizes how essential financial security is to his new-found happiness. One way to be sure this security will last...even into the unknown future... is through Prudential life insurance. Among the many types of policies provided by The Prudential are several designed to meet young married

people's special circumstances, and to fit their gradually adjusting plans.

Whether you are newly married or not, you would be wise to check your life insurance program with a Prudential agent. He will help you decide whether you have suitable life insurance protection—and he will be able to show you how to get the greatest value from your investment. Ask him to drop in for a chat with you and your wife.

You will enjoy the Prudential Family Hour, with Patrice Munsel... Every Sunday, 5:00 p. m., EWT — Columbia Broadcasting System



THE PRUDENTIAL

INSURANCE COMPANY OF AMERICA

A mutual life insurance company

HOME OFFICE: NEWARK, NEW JERSEY



THE FUTURE BELONGS TO THOSE WHO PREPARE FOR IT



CONTRIBUTORS



• • • JANE FISHER ("Museum For Living") is a radio writer and broadcaster in Miami Beach, Fla. In her radio series, "Memories of Carl Fisher" she tells stories of her well-known husband who built Miami Beach by pumping sand into a swamp. Her book "The Earth Moves" is now being readied for publication. Besides writing and broadcasting, she spends much time on her upstate 187-acre farm, collects antiques, moon and star glass, calls herself "A country woman who loves to dig in the dirt."

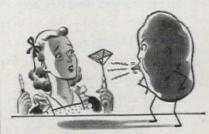


• • • GEORGE A. COFFIN, architect of the Lackey house, is former president of Florida South Chapter, American Institute of Architects, and a Seabee veteran of this war. Since becoming a licensed architect in 1934, Mr. Coffin's work has become widely recognized for its harmony and vigor. His hobbies are hunting and fishing.



• • • DOUGLASS CROCKWELL'S painting, appearing as the frontispiece of this issue, depicts one of the memorable moments in the life of a typical American family. It is pictures such as this that have given the artist his reputation as an outstanding painter of American scenes. In the 1945 Annual Exhibition of Advertising Art sponsored by the New York Art Directors' Club, he was awarded the medal for "Human Interest Appeal." Mr. Crockwell uses Glens Falls neighbors as models for his paintings.

The Tale of Tess and the Troublesome Tuber



For Years the phlegmatic potato wearied Tess . . . (No mixer!)



Then it defied the poor girl
...(Wrong mixer!)



But Iyou guessed it) along came KITCHENAID

And everything's rosy now!

(Right mixer!)

PROVED THAT NO MIXER COMPARES WITH KITCHENAID

You'll want to be sure of the right mixer—so look at KitchenAid before you buy. Little brother of the big

commercial Hobart mixers, it gives you mixing action, power and performance in a class by itself. Choose from several sizes—add an electric coffee-mill for home-ground coffee. You'll get them sooner, if you see your dealer now!



The Hobart Manufacturing Co.
KITCHENAID Division
Troy, Ohio



Easy-Non-Rub-Protects Longer!

A cinch to apply! Goes on in seconds -dries in 20 minutes! And that Tavern polish stays put-stays bright and lustrous. Socony-Vacuum developed it especially for all kinds of floors-linoleum, wood, rubber and asphalt tile. It protects longer-resists water spots-saves hours of tedious housework! Do your Fall cleaning the easy Tavern way this year.

Try, too, Tayern Paste Wax and Tavern Liquid Wax. These two buffing waxes remove ugly marks-bring out the beauty of wood floors. They clean as they polish ... protect windowsills, woodwork, furniture and painted surfaces. Get the Tavern Wax you prefer



today at your favorite hardware, department or grocery store.

33 ways to fix up your home!

Write for "Better Homemaking"-a picture-

packed book with 33 do-it-yourself decorating ideas from Effa Brown, famous artist and decorator. Mail 10¢ today to Socony-Vacuum Oil Co., Inc., Dept. E, 26 Broadway, New York 4, N. Y.



hold daily dust. Easy to use. And economical, too.

Tavern Electric Motor Oil lubricates vacuum cleaners, fans, bikes, etc. Gives long-term protection.

per-shampoo for rugs, draperies, upholstery.

Tavern Paint Cleaner whisks smudges from painted walls, woodwork. Porcelain and tile, too.



Typical Symbol of hospitality-Blue Boar Tavern Berkshire, England Socony-Vacuum Oil Co., Inc., Dept. E, 26 Broadway, New York 4, N. Y.

I enclose 10¢ for "Better Homemaking"

Name.

Address.

NHOME

TAVERN

Also: Tavern Window Cleaner • Tavern Lustre Cloth • Tavern Parowax or Paraseal Wax • Tavern Leather Preserver • Tavern Dry Cleaner • Tavern Candles



Delightful Meals-Mere Minutes Away! MIRRO-MATIC

PRESSURE PAN

Name your favorite dish or dinner—the MIRRO-MATIC Pressure Pan will cook it astonishingly fast—and so healthfully, too, retaining more of the precious vitamins and minerals—the appetite-tempting flavors and colors!

Yes, and both cooking and canning were never simpler.

With the MIRRO-MATIC Control, you pre-select the correct pressure your recipe specifies—5, 10 or 15 lbs. When pressure is reached, MIRRO-MATIC Control, illustrated at right, prevents pressure from exceeding pressure you set!



Generously designed, the MIRRO-MATIC Pressure Pan has a full 4-quart capacity, ample for cooking large chickens, meats, other bulky foods—pressure-cans three 1-pint jars. And it's positively great for small-quantity cooking, too. New-type gasket automatically seals and locks cover under operating pressure. Cover opens or closes with a simple slide of the handles. Huskily built to "last a lifetime"—designed for easy cleaning.

Your local house furnishing, hardware and department stores are now accepting orders for future delivery of the new MIRRO-MATIC Pressure Pan. Place your order now! Only \$12.95 (West \$13.95).

Write for booklet No. 15 giving detailed information regarding the new MIRRO-MATIC Pressure Pan.

MIRRO THE FINEST ALUMINUM

ALUMINUM GOODS MANUFACTURING COMPANY - MANITOWOC, WIS. WORLD'S LARGEST MANUFACTURER OF ALUMINUM COOKING UTENSILS

CONTRIBUTORS



around museums and art galleries produced "Patterns with a Past!" (on page 54) quite proudly admits his most absorbing hobby to be his home in Bayside, Long Island, where he lives with his three girls—his charming wife and captivating little daughters, Lorna, age 3, and Lisa, 9 months. Professionally he is the capable Advertising and Promotion Manager of the American Thread Company.



. . . MR. AND MRS. H. E. ANDERson, whose home appears on our cover for the second time-and with good reason-have long been interested in decorating and building. Mrs. Anderson writes-"Ever since I can remember I have cut out pictures of houses and furniture, wearing out my father's building magazines, and driving my folks mad with my decorating ideas." While a student at Northwestern University, Mrs. Anderson took courses in interior decoration. Later she worked with a wellknown builder and architect in California. Mr. Anderson, a mechanical technician at Warner Brothers, also has a "green-thumb" where houseplanning and decorating is concerned. He did most of the furniture in their duplex, as well as a great part of the painting and brick work. They have a son, 17, in the Navy.

Important: Letters requesting information should be accompanied by a stamped, completely addressed envelope. Manuscripts and illustrations will not be returned unless accompanied by the necessary postage. They will be handled with care, but we cannot possibly assume responsibility for their safety.





RATES **

Color-loving Hollywood has taken E-Z-DO's "Hollywood Family" right to its heart . . . colorful, practical wardrobe closets, decorative chests and closet accessories that inject such gay notes into a room. Pictured is the Hollywood Princess—plastic-coated, flower-patterned wardrobe with 2 eye-level mirrors, that holds up to 25 garments. At leading department stores everywhere.

And when the War's won you'll find hundreds more

E-Z-DO Home Accessories

OCLOSET EMSEMBLES
O HAT BOXES
O GLOVE BOXES
O HOSIERY BOXES
O LINGAGE RACKS
O RECORD CABINETS
O LINGERIE CASES
O AUTO SEAT COVERS
O CHAIR PADS
O LAUDHORY BAGS
O WINDOW CORNICES

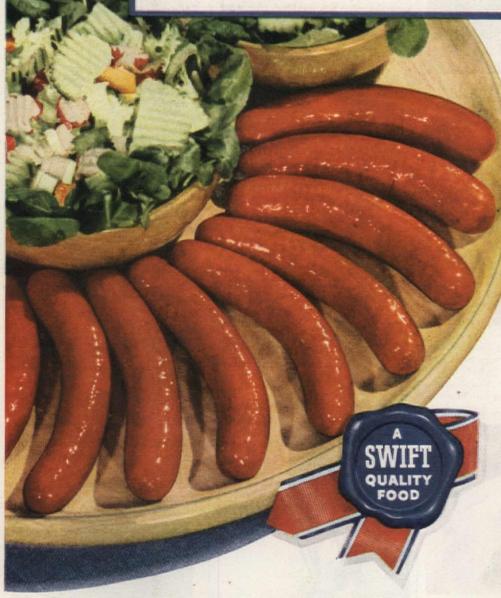
O STORAGE CHESTS
CHILDREN'S CLOSETS
CLOSET ACCESSORIES
LINEN CABINETS
BATHROOM HAMPERS
SHOESHINE BOXES

O SHUTSHINE BOALS
 O SHAT STANDS
 SEWING MACHINE COVERS
 DECORATIVE SCREENS
 OBRIDGE TABLE COVERS

Storage Chests, Closet Accessories

E-Z-DO, 261 Fifth Ave., New York 16, N.Y.

Swift's Premium tender Frankfurts -the same high pre-war quality



When you are so lucky as to get deliciously tender Swift's Premium Frankfurts, try them with crisp garden vegetables in individual salad bowls—a taste-tempting combination. Simmer frankfurts just 5 minutes . . . and they're ready to enjoy.

2 SIZES! Swift's Premium seal on every 4th link





WE'RE SORRY we simply can't supply the demand. These luscious dinner quality frankfurts are scarce these days. Reason is, they're made only from quality meats, most of which is going to our armed forces. But don't blame your dealer for a shortage he can't control. When he does have them . . . you can be sure that each Swift's Premium Frankfurt is genuine pre-war quality.

FLAVORFUL BEEF, savory pork and a delicate pinch of seasoning . . . fashioned into plump, juicy links, then precooked and smoked over fragrant hardwood fires! Unforgettable! Every morsel is extra choice, for Swift uses only the better flavored meats in its pre-war quality frankfurts.

RICH IN NOURISHMENT . . . good, and good for you! Every link contains the nourishment of 2 meats . . . a healthy helping of fine protein, valuable B complex vitamins and important minerals.

You eat every bite, too-there's no loss in heating or serving.



"They cut at the touch of a fork"

Your first duty to your country: BUY WAR BONDS

Look how glass can help your home!



NICEST THING you can do for your sofa is to set it off with a lovely Plate Glass mirror like this. Warm, colorful reflections add life, charm, and a feeling of spaciousness to the room. Try one of these mirrors against a wall finished in Pittsburgh Live Paint . . . and see if we're not right.



spills wipe right off, without harm to fine wood finishes, when you have Plate Glass furniture tops. These tops are sure protection against splotches, cigarette burns, tumbler rings. And they're very fashionable.



HEAD TO TOE, you'll look just so ... if you have full-length Plate Glass door mirrors in your home. Sizes to fit any door—ready to install. Anyone can do it. But don't get a skimpy mirror. Be sure it's really full-length.

You can get these items at your favorite department or furniture store.



ACCEPTED AS THE MARK OF GOOD GLASS. The Pittsburgh label on any mirror or article made of Plate Glass, no matter who sells it, is your assurance of good Plate Glass. Remember, if you want the best, insist on Plate Glass.

Free Booklet

Fells you how to be your own home decorator—shows how to give charm and sparkle to your present home with mirrors and Plate Glass! Dozens of fullcolor pictures. Send coupon.

Pittsbu	rgh Pl	ate Glass	Company		
2259-5	Grant	Building,	Pittsburgh	19,	Pa.

Please send me, without obligation, your new, free booklet, entitled, "Decorating your Home with Glass."

Name		
Address		
21447.630		



PITTS BURGH"stands for Quality Glass and Paint

CONTRIBUTORS



Pach Bros.

That Light Robber!" page 71), a recognized authority and consultant on home lighting problems, is Residential Lighting Director for Westinghouse Lamp Division. During her six years with the Chicago Lighting Institute and eleven years in her present position, she has lectured and written a textbook and many pamphlets and articles on home illumination.



. . . DR. G. GRIFFIN LEWIS SUMS up on page 23, information he has collected during more than 25 years of observing and growing roses. He has cared for a garden of some 500 plants and was for ten terms president of the Syracuse (N. Y.) Rose Society. . . . It is a happy privilege to be able to supplement his practical recommendations with results from some of the latest investigations of the problem. DR. JOSEPH E. HOWLAND began his horticultural career as a 4-H Club member in Rhode Island. He attended the State College there, then Michigan State, and later Cornell; and he has taught and done research work at the latter two places.



• • • JULES A. DEMONET, who on page 64 describes a lawn-sprinkling system that he devised and built (and on page 68 discusses wisterias), is an automotive engineer. But he so thoroughly enjoys his hobby of gardening, that friends have practically forced him into the landscape business on a small scale. Busy of late supervising tank and other combat vehicle production, he still finds enough time to do, and write about, gardening.





"Father bangs my cover every time he drops in a dirty shirt.

"Jimmie kicks my sides as he dashes in to wash his hands.





"Sis drapes her cosmetics all over my top when she's getting ready for a 'big moment.'

"Mom throws in her most precious undies, depending upon me not to snag them.





"But I'm a Whitney. My cover hinges are strong. My construction is sturdy. I have no jagged ends to snag a stocking or tear a delicate slip.

Whitney made me to give service."

Yes, you can depend upon a Whitney Hamper to give you long and faithful service. Look for the Whitney Fact Tag when buying a hamper — it's your assurance of satisfaction.



F. A. WHITNEY CARRIAGE CO.

Leominster, Massachusétts



There's a Hord in your future!

OUNT on it! One day, you too will know the joy of owning a new Ford—a car that will be eager to take you traveling in style....

Then you'll look with pride at a car that's big—inside and out. It will be smart appearing. You'll listen to a motor that whispers of power.... And when you get underway—what pleasure! So smooth

and easy-riding—wealthy with comfort. Thrifty and reliable, too, in the finest Ford tradition.... More Ford cars are coming soon. Production has started but is very limited. America needs all available transportation, so take care of your present car. See your Ford dealer regularly. FORD MOTOR COMPANY



• IF YOU WOULD HAVE YOUR CHILD ENJOY HIS

SCHOOL DAYS . . . TEACH HIM NOT TO FEAR THE UNKNOWN,

THAT THE WORLD IS A SAFE PLACE IN WHICH TO LIVE

The First Day at School

Margaret Bakenhus

THE FIRST day at school! What a thrilling and happy time that should be for the kindergartner! He is a big boy now and can take care of himself. He leaves home and mother for a while to enter a new world which promises him such jolly adventures and pleasant companionships. He is going to a safe place where there is kindness and understanding.

Will your child go to school happy and free, ready for this big change in his young life? Will he be emotionally and socially prepared for school? Have you attended to all the details that will aid in assuring him a happy start at school?

Nancy had never gone anywhere alone. She nad never experienced the joy of going to the store or to Sunday School by herself. Her mother had always taken her places. On the first day of school, Nancy's mother took her to kindergarten. After she was enrolled and seated at a little table, her mother started for home. Nancy rushed to her, clung to her desperately, and screamed wildly, "I want to go with you! I don't want to stay here alone! Take me home with you, Mother!"

The kindergarten teacher met the situation by inviting Nancy's mother to visit that morning. She hoped that Nancy would find school a place of security and fun-a safe and happy place to be. However, this emotional upset unfortunately made Nancy so ill that she was obliged to be absent a few days. When she returned to school, there was a repetition of the first day's scene. This time Nancy was pried loose from her mother. It took ten minutes to quiet her and to get her interested in the work period. She was happy and contented the rest of the morning. After several repeat performances, Nancy began to see that nothing dreadful happened to her while away from Mother, and that it was fun to go to kindergarten all by herself. This is not an extreme case.

Little children must be taught not to fear the unknown. They must be taught at home that the world is a safe place in which to live. It is a child's right to know what to expect of school before he goes there. It is his right to be shown the way he must go to and from school before the first day arrives. It is up to you, of course, to impress on his mind the more physical things such as the importance of waiting for a clear road

before crossing the street and of never speaking to strangers. Children love to tell how Mother played school with them, sometimes as the teacher, at other times as the pupil. Why, they knew all about school before the first day!

Pat's mother brought him to school, not because he wouldn't have gone by himself. Oh, no! Pat could take care of himself anywhere. She came because she wanted to tell the teacher that Pat was "a case"-he was a wild Indian and wouldn't mind her. She couldn't do a thing with him and she hoped the kindergarten teacher would do something about it. Pat cheerfully waved goodbye to his mother as she left and then proceeded to explore the room. First, he decided to walk on top of the nicely varnished tables. This experiment was quickly stopped and right there ensued a lesson on how to take care of school equipment. Shoes make scratches on nice new table tops and chairs. We are all responsible for the appearance of our room so it is up to us to take good care of everything in it. Pat was given charge of the furniture to see that it received the proper handling. This responsibility did much for him. Because he expected obedient cooperation in the care of the room, he became obedient himself.

Does your child come in somewhere between Nancy, the shrinking violet, and Pat, the sturdy, undisciplined wild flower? Have you prepared your child to take his place in that garden of childhood, the kindergarten? After all, to you is entrusted the pleasant duty of getting him ready to meet the problems and responsibilities he will have to face. As you help him overcome his individual faults and fears, do not neglect the many simple, yet important things that, should be taught at home before he is sent to school.

Upon entering kindergarten, a child should know his own name, address, and telephone number, and his father's name and occupation. The ability to identify himself gives him confidence.

Each child should be able to put on and take off his own wraps and rubbers. These should be plainly marked with his name so that he may always recognize them. He should be able to open and close a zipper and tie his shoe laces if they become untied. He should have a handkerchief or facial tissue and know how to blow his nose.

A child should be able to attend to his toilet needs and know how to ask politely to leave the room. He should be taught to take pride in personal cleanliness and neatness. He should be taught to keep his hair orderly, his face, hands, and fingernails immaculate, and his clothes clean.

How are your child's manners? Have you taught him such words as "please," "thank you," "excuse me," "I'm sorry," "I beg your pardon,"

"Sir," "Madam," "after you?" Does he know how to greet adults, parents, teachers, shopkeepers? Are you proud of his manners on the bus, in church, on the street, in stores, on visits?

There are a few skills it would be well for your child to have before he enters kindergarten. He should be able to count to twenty. Let him learn the colors. Print his name and teach him to recognize it. Teach him which is his right hand. Be sure he can skip. Have him know how to tie firm knots and neat bows. And sing with your child! Let him imitate sounds that you make.

At every opportunity teach your child to be observant. Let him watch the clouds as they move across the blue sky, or as they lie in black lines above the horizon. The big, fluffy, white clouds make wonderful towers, strange animals, people's heads. Watch the birds fly. Listen to their song. Can you imitate it? Watch the spider run along the thread streets he has built for himself. Notice the different kinds of leaves and buds. What happens to dandelions on rainy days? Let's see how many different things move along the street. Notice colors. Houses all stand up straight. And so on and on without end. When he enters kindergarten, the observant child has a rich background of experiences from which to draw the ideas he needs in building with blocks, molding in clay, working with wood, drawing with paints and crayon, cutting, pasting. He can do so much more and therefore develops into a broader individual.

The finest and most valuable thing a mother can do for her child is to give him a home environment where religious training is given much thought and careful consideration. A child who has been taught at home to reverence God easily learns that greatest of all lessons, self-discipline and the objective of all teaching, self-improvement. A home where the will of God is stressed is a training center that can't be surpassed.

Does this seem like a great deal of preparation on the mother's part to get her youngster ready for kindergarten? Remember, the teacher often has "all this and" the regular teaching to do. She looks after your child's health, providing healthful exercise through plays and games, and rest periods as required. She inspects his hair, hands, face, neck, ears, and fingernails daily. She instructs him on bathing, cleaning teeth, eating habits.

Through work and play the kindergarten teacher leads the little ones to do things together in the right way. She stimulates independence and initiative, and corrects or encourages where there is a need. She provides opportunities for them to experience the thrill of conquering problems. She lays the foundation not only for "reading, writing, and arithmetic," but also for right living.

The first day at school brings one of the tenderest memories ever found in a home. Douglass Crockwell, eminent American artist, illustrates this momentous occasion in the lives of both a mother and a child with simple yet deeply poignant feeling



T THE turn of the century there was a certain quality of living with awareness and simplicity that we might instill in the framework of postwar America.

First of all, there was a feeling of security. There was the father, the mother, and the child in the home. My father was a railroad conductor and if there was such a thing as "social prestige," we were only faintly aware of it. I skipped rope with the banker's daughter, dressed up in long skirts with the washwoman's daughter and made May baskets with the judge's daughters. There was a purely democratic spirit about it all. There was no sense of striving to get ahead of the "Joneses" for we accepted graciously what we had.

The Little Red Schoolhouse made its valuable contribution to this personal integrity I mentioned. My first grade teacher opened up the world of the wondrous to my greedy childish mind. We learned about Nature by contacting it, noting how the milkweed spread its seeds, how wood violets hid in the secret places in the woods. That might have been called "progressive education" for that day. But we also learned the stern discipline of arithmetic, spelling, and history.

We used to hang our coats in the hall at school, our mittens dangling on a cord out of our sleeves. Our overshoes were on the floor beneath our coats. I cannot remember ever having anything stolen but I lost track long ago of the money I spent to replace stolen gymnasium shoes, stolen books, and fountain pens for my two sons when they were in school. Where did we lose our honesty?

Wrapped in cottonwool, though we were, we were aware that there was a great wide world on the outside. I remember when Queen Victoria died and the teacher told us about her long reign and the mother country, England, across the ocean. We felt, however, that the United States was the greatest nation on earth. We still do. But in those days we learned the Preamble, the Gettysburg Address, the National Anthem, the Ten Commandments, the Twenty-Third Psalm and the Ride of Paul Revere and held them all with the same degree of reverence and respect. They meant some-

thing to us, some fine invincible thing of the spirit, national integrity, real patriotism.

Money, in those days, was something one earned, saved, and kept in its proper place. It didn't seem to assume too much importance. Certainly one's happiness and well-being did not depend on money alone. As children, a nickel to spend at Grandpa Harshbarger's store, for licorice, rock candy, candy corn, or marshmallow bananas, was a small fortune. When my sons kept a school dance date, the minimum was a dollar and a half with the use of the family car for the evening.

Our houses were well-built but small clapboard cottages, some with the charm of Cape Cod salt-box style, others plain and square, but none pretentious. Many of us had furniture of the preceding generation, genuine Jenny Lind beds, a piece or two of Hepplewhite, Sheraton, Windsor, brought from "back east." These held the integrity of workmanship that was good and true. People took pride in the work of their hands and mass production of furniture, with box-lumber backs and drawers, would have been anathema!

Food was a satisfying adventure for it stemmed back to cellar shelves groaning with fruit and jelly, vegetables and pickles of our own canning. Preserves made with tiny yellow tomatoes, interspersed with thin slices of lemon, gleamed yellow gold from the shelf. There was mincemeat for thick pies, whose upper crust was a distant relative to the lower. There was real maple syrup for buckwheat cakes. Modern gourmets know nothing of these mouth-watering viands. Could it be possible that shortages and rationing will drive us back to real gardens and conservation of food?

Birth and death were the exciting events in our community. Great secrecy surrounded the blessed event and no one but God and the expectant mother were supposed to be aware of the approaching miracle. We may laugh at what we termed "false modesty," but I cannot remember one case of illegitimacy or any juvenile delinquency in our small town. We never thought about such things for we did not have them.

Death in a family brought relatives and neigh-

bors to the house of mourning, bearing offerings of bread, pies, and cakes. The bereaved had no heart for cooking meals. There was a kindly curiosity about the deceased. You might have to borrow your neighbor's black hat for the funeral but it was loaned with the same gracious gesture as a recipe or crochet pattern. Everyone raided their yards for flowers and the sermon was long and properly impressive. Most of us today could lie ill to the point of death alone in our houses, without our next door neighbor knowing we were sick.

I must not forget the little white church with its steeple, its hard pews and the pulpit platform with three tall carved chairs. Respectable people went to church and while some of their religious beliefs were too narrow and orthodox for us today, their psychology was apparently sound. We learned something about the Ten Commandments and tried, with the grace of God, to keep them.

There is much that we can afford to discard from the foregoing piece of Americana, but there is much more that we could well afford to keep, at least in essence. Integrity in the pattern of living, honesty in a day's work, pride in hand-craft—old platitudes, you say. Perhaps! But in our haste to discard the past, haven't we thrown out the baby with the bath? There was security and stability in that pattern, a man, a woman, a child in the home . . . the normal life . . . growing things in the earth and preserving them for the future. We took pride in our thriftiness, in the work of our hands and the reward of our labor.

We had incentive through a friendly competition. There was broad tolerance and kindly helpfulness. I do not know all the answers, but I believe this could be a part of our postwar pattern, if we would sit down quietly and re-sort our values. A teacher of mine said once, "You can want a lot of things and work hard to get them or you can have fewer things, simplicity, and the leisure to enjoy what you have." If we can recapture this personal, national, and spiritual integrity, we can once more build up a real security, a nation without fear or greed, a strong confidence in the future, in ourselves, and in our own government.



With promise of a nome by Christmas, turkey drumsticks make exciting Thanksgiving dinner for the energetic Dilley twosome

Meet Four American Pioneers

WHEN Mrs. Grace Stearns Dilley planned a simple, one room house for herself and daughter Margaret, becoming a pioneer was farthest from her thoughts. That's what happened, however, and for just one very unique reason. The Dilleys wanted a house that would be completely theirs-and at a price! It was to be nothing more than a rustic mountain cabin with lean-to kitchen and bath. They didn't want a complication in its make-up . . . materials were to be left natural for easy maintenance, everything had to be durable to withstand the wear and tear of numerous informal guests and also because of the several cats and dogs always an essential part of the Dilley ménage. What could be simpler? Yet simple things often become the most complex. Mrs. Dilley was soon to find this out.

When one plans building a new home, the logical thing to do is to acquire a piece of property. The selection of the Dilley lot was sort of an ABC affair. First, the price had to be reasonable; secondly, its location in Berkeley near the University of California campus was imperative because Margaret was soon to become a student there; thirdly, and of greatest importance, its altitude had to be high and eucalyptus trees a part of it in order to benefit the chronic sinusitis suffered by both members of the family. Strangely enough, a lot answering all these specifications was found and immediately bought. The next step was lots of fun. For three years, Saturdays and Sundays were spent picnicking on the lot in order to study sun and wind. The Dilleys realized the importance of orientation and were prepared to know their lot before finally placing the house. They even trudged there on stormy days in order to see conditions at their worst. By this time they had a pretty definite mental picture of the house itself. There were three "musts"-exposed ceiling rafters, a cozy fireplace, and rustic design. It was adamantly NOT to be modern. Of that they were certain!

If, perhaps, it sounds strange that a mother and daughter should consider building one room for daily living. let's consider the circumstances. Mrs. Dilley is employed and Margaret is a student. There's little time for housework. Possessions are few and simple. Their lives are most informal, yet they both love to entertain. Consequently, one large room is the perfect solution for easy hospitality. Of course, too, a limited budget played a major part in the plans. They were naturally overjoyed to find a contractor specializing in rustic cabins who promised to build their dream house within the budget. After tussling with city building codes, plans were finished and presented to the F.H.A. for approval. Then "ill winds" started blowing. The plans had to be drawn by an architect. Mrs. Dilley sent out an SOS call to a friend Gryffyf Partridge who was associated with F. J. McCarthy, architect. Both men felt that the house could be built at the quoted price but knew that it

FIRST—a mother and daughter discover complications resulting from their desire for a simple little house on a budget

Roger Sturtevant



Long horizontal line of the cedar siding and low angle of built-up shed roof, set house snugly into its sloping lot . . . batteries of windows afford glorious view of the surrounding excalyptus

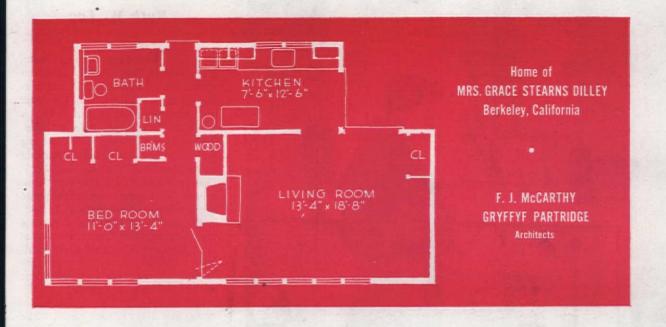
couldn't be F.H.A. financed as originally designed. There had to be a separate bedroom. Mrs. Dilley grudgingly agreed to the change but stood by her guns regarding the design.

Her indignation upon seeing Mr. McCarthy's sketches was only slightly assuaged by the majority of her requirements which had been skillfully incorporated. The house set upon the land just as the Dilleys had imagined it; a hinged wall could open the bedroom into the living room becoming, in effect, the one big room they wanted. Kitchen and bath were a lean-to. Windows were just right, well-placed and in one long bank. Yet the effect was definitely not rustic, it was MODERN! Hurriedly Mr McCarthy pointed out the exposed rafters on the shed roof; the roof pitch followed the hillside contours. Also, it afforded clerestory windows which not only gave added light but resulted in a living fresco of tree tops against the sky by day and a fascinating glimpse of a starry sky at night. After due thought and consultation, the two Dilleys agreed that if this was modern then they were through being traditionalists. Modern was what they had really wanted all the time.

Headaches, however, were still to



Entrance terrace, easily available from both kitchen and living room, is protected from prevailing winds by main house and makes delightful dining spot



be theirs. The lowest estimates were much too high for them. Plans and specifications were then restudied. A cheaper floor was substituted, eventually this will be replaced by one of hardwood. Snubbers were used on all doors instead of catches. In order to save a few cents here and there, even stoppers for the bathtub drain were changed. Mr. McCarthy timidly suggested that the omission of a fireplace would really be a saving. This was too much for Mrs. Dilley! She would much prefer to live on a dirt floor than give up the precious hearth.

Another visit to the FHA only proved that their labors were still in vain. The house was too small. Its design was too unconventional to suit the neighborhood. This last, in spite of the fact that the neighborhood committee had approved the plans. However, to bring this story to a happy ending, a source of private financing made funds available.





Clerestory windows in living room afford view of treetops and starry skies . . . built-in beds, especially designed, swing out for access to corner storage box

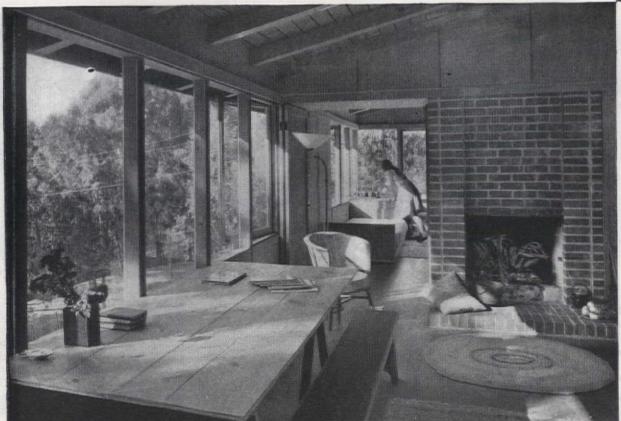
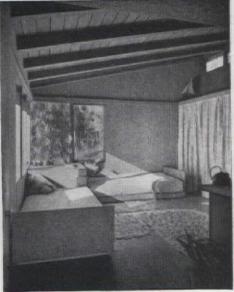


Table of hinged planks with saw horses for legs can be easily stored in basement or taken onto dining terrace for large alfresco parties . . . folding doors make living and bedroom one



With preliminary complications out of the way, no time was lost razing the two eucalyptus trees directly on the house site. On week ends the untiring Dilleys were busy with cross cut saw and ax, chopping the fallen trees into kindling. Eucalyptus cuts easily while green but is like iron if allowed to dry. Now their hearts were set on spending the next Christmas, two months away, in the new house. But it rained, and rained and rained. Finally on January 10th, 1941 a moving van made its way up the steep ascent. The ground was muddy and, at a suggestion from one of the movers, the van was driven across an adjacent lot. But luck seemed to be against everyone that day. Into the mud up to the axles went one of the vans. Then movers, Dilleys, and guests slithered up and down the muddy slope in endless procession, getting contents from the van into the house.

After four years there are still no permanent stairs from the street, but then, there's so much to be done in the garden. Jobs are tackled in order of their importance. And remember, we are talking of pioneers. There are only two pair of feminine hands to do the varied things planned.

THE young Stanley Greers, each owned a few pieces of inherited early American furniture. In addition, they had a small sum in the bank just begging to be converted into a home for displaying these antiques. The sum wasn't exorbitant, just big enough to buy a tumbled-down cabin and with a little left over for alterations, provided they made them themselves. This condition didn't phase the new homeowners one iota. In fact, it was just what they had bargained for. You see, the Greers are up-todate pioneers who thrive on challenges. What's more they have the ability and imagination to make their dreams become a reality.

After gazing at the "before" pictures, you'll agree with us that the most promising feature of the house was its one acre of woodlands and fruit trees. Of the house itself the less said the better. It took two years of endless work before the "after" shots could be taken. Results are most worth while—yet each visit to the Greer house brings forth new surprises. We had a difficult time getting pictures since the owners are forever planning new developments and improvements. Still we'll settle for the house at this stage in its growth.

Very little of the original cabin is now visible. Even the old narrow siding was removed and replaced with a wider variety painted gray. The small living room and bedroom were thrown together to form a wellshaped living room. This room is really their masterpiece. Walls have been covered with knotty cedar stained a mellow honey color and



Photographs by Charles H. Keller



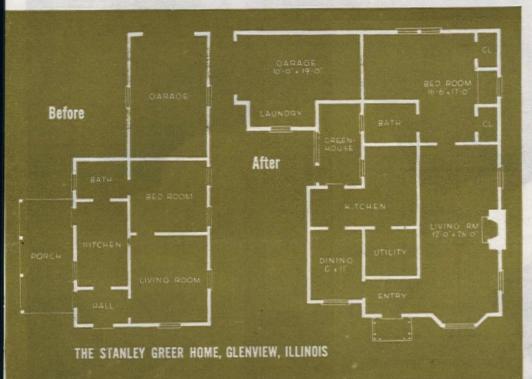


Off with porch—on with bay window were first official changes

Consider the Stanley Greers...

MODERN PIONEERS IN ILLINOIS

waxed. Next, the Greers built a vaulted ceiling following the natural pitch of the roof. The old beams were found in a near-by mill and covered with stained cypress. In place of the old rotting floor, long leaf pine was laid in its natural golden tone. The stone fireplace and niche above were formerly a middle window. The craborchard stone was found in Tennessee and shipped to the site because the owners felt that its soft beige color was just right. By using their antique furniture, rejuvenated with home-







The ever active craftsman-owner uses power mower for his half acre of lawn

made chintz slip covers, a much desired farmhouse feeling has been created. The rug is a copy of an eighteenth century floral pattern. Coffee table between the fireside chairs is one of the few bought pieces. It is of bleached mahogany with ivory leather top. Next to the entrance door, ceiling to floor bookcases were built in. Converted oil lamps and decorative hanging plates add much to the provincial quality of the house. The small dining room was formerly a screened porch. This room the Greers built themselves and covered the walls with green and rose Victorian wallpaper. Curtains are of unbleached muslin with white brush fringe. A carved brown rug is used over the checkerboard

pattern block oak floor. Trestle table, benches, and Windsor side chairs are of maple and fit comfortably into the small room. Part of the original screened porch has been converted into the kitchen. Here pine cupboards were built above and below the counters. These wood cupboards were then trimmed with strawberry wallpaper borders. Counter tops and floor are of black linoleum. An old pickled look was achieved by first painting the woodwork white and then rubbing most of the color off. Here and there a touch of whimsy has been added to the upper cupboard doors by means of stencil designs of flowers and birds.

Mr. Greer is particularly proud of the green-

house. Formerly an areaway between kitchen and garage, this is an ideal place in which to raise and tenderly care for young plants and seedlings. By keeping the kitchen door open, enough heat comes into the room for the proper cultivation of early plants. Vegetables are also started in here. The room itself is most colorful with lime green walls and a red painted cement floor. A double glass door seals in the heat. Because the room is so fresh and attractive the family often breakfast among its greenery. Service from the kitchen is most convenient. In the old plan a garage was placed at the rear of the main house. This area has now been changed and with a little

alteration is a most attractive, large bedroom. It is ell-shaped in plan and is blessed with ample cross ventilation. Beds have been placed in the new ell. Here, too, knotty pine was used to advantage on the walls. Sliding sash used in large groupings give an airy effect. Pink wallboard, used on the ceiling, casts a warm glow and is further reflected in the fulllength rose, blue, and beige curtains. This same chintz is dramatically used to cover the entire wall behind the beds. Pine was laid as flooring over the old cement garage floor. A dressing table and side shelves were builtin where formerly a tiny garage window had been placed. Built-in wardrobes on either side of dressing table provide space for storage. A well-lighted bath forms an integral part of the new bedroom suite.

The present garage is the latest addition in a series of many. This is combined ingeniously with the laundry and takes this problem child of a room out of the house proper. For the last year or two the Greers have bent most of their excess energies to the Victory Garden.

Tackled with the same enthusiasm as the other projects, its yield has been gratifying. By raising vegetables and chickens the young couple intend to be practically self-sustaining. Of course

the fruit trees, too, have proved invaluable during the coming season.

Mr. Greer is a war worker and is employed in a machinery factory; hence, his expert craftsmanship. His wife is talented in the same direction and together they've produced a most professional and attractive home. In one of our pictures you'll see the male half of this team propelling a power lawn mower across his half acre of lawn. The fruit trees are a stone's throw in the front of the house proper. From this vantage point the house and its alterations may be seen at their best. The gable to the right is practically all that is visible of the cabin. Siding is gray with white trim; the roof was covered with asphalt shingles. The hayloft door was not always there. So fond were the owners of producing a farmhouse look that the addition of such a barn trademark seemed most appropriate. But that's one of the charms of knowing these young Greers. Naturally, during the war, their Victory garden is of prime importance. They've had lots of success in this direction if the well-stocked shelves of canned goods are any indication. But, even while they're busy, hoeing and weeding, active minds are constantly planning new projects. The house is bound to grow. In what direction is anyone's guess, even the Greers! Life is a succession of surprises. Need we say that they're all very pleasant ones! Goodness knows what the Greers' house looks like now! It has been months since we last visited these pioneers.

Photograph by Walter L. Greene



NEW EXPERIMENTS BRING STARTLING RECOMMENDATIONS

Contributors . . .

Dr. G. Griffin Lewis, Dr. Joseph E. Howland

F YOU are inclined to comtin that "roses won't keep for me; I'm afraid ey just don't like me!" you may as well reze that you are probably more to blame than e flowers. For many of the factors or conditions which the lasting qualities of cut flowers dend are under our control, especially if we are the enough to grow them in our gardens.

Certain rose classes, such as the Memorial oup and the Polyantha or cluster-flowered kinds, d certain Hybrid Tea varieties such as Mme. atterfly, Mme. Abel Chantenay, Liberty and ichmond, are, it is true, noted for the longevity their blooms. The quality seems to be assoated with certain characteristics of the flower. For instance, double roses last longer than ose with fewer petals . . . A cluster of many

dull blade or scissors; and a long, slanting cut exposes more absorbing surface, which is not blocked when the stem rests on the bottom of the vase.

When should roses be cut? Many of us will have to revise our ideas as to this. Until recently, it was generally believed that early morning, "while the dew is on them," is the best time, on the theory that the plants then contain the maximum amount of water. Now we are told, as a result of tests made at Cornell University and reported in its new "Cornell Plantations" bulletin



E. Levick from Frederic Lewis

pected further work on that point, he says that, "Garden roses might be highest in sugar at noon or 2 P.M. if the soil moisture was low and transpiration in the plant high. However, you need not worry about the turgidity of the cut flowers (which is the detail stressed when morning cutting is advised). Those cut at midday in last summer's experiments often wilted so badly during the hour or more before they could be put in

water that they appeared ruined. Yet within three hours after they were put in warm water (85 to 95°), they were perfectly turgid. The 'secret' with cut flowers is to get a rapid absorption of water, and this is possible only if the water is warm. For years florists have observed that flowers removed from the display refrigerator

often wilt badly if left at room temperature in the same can of cold water. They assume—and rightly—that this is because water loss by transpiration is too great; but it is too great only because the rate of water loss exceeds that of absorption. If the flowers are put in warm water, wilting does not occur at room temperature."

To keep the water-conducting tubes free from clogging by accumulated slime, bacteria, etc., Dr. Howland recommends daily changing of the water, thorough washing of the vase in warm, soapy water, removal of half an inch or so of stem, and rinsing under the faucet of any part of stem and foliage that is under water in the vase.

From time to time various chemicals are both hailed and discounted as useful cut flower "stimulants." Dr. Howland remarks that, theoretically, we should be able to use a sugar solution of such concentration that the stem would absorb sugar to replace that consumed, but notes that it would be difficult to apply such a theory under ordinary home conditions. However, certain proprietary materials sold by florists are said to effectively prolong the life of some cut flowers, and they may offer a satisfactory alternative to the daily routine with roses recommended by Dr. Howland.

Roses keep best at a temperature of 40 to 45°F. and in a humid atmosphere. Since average home conditions tend to be just the opposite, especially when there is any furnace heat, it helps to put flowers over night in the cellar or other cool place, away from drafts. Any air movement that increases transpiration, hastens wilting; and gas fumes of any sort are highly injurious. So do all you can to let your roses enjoy the kind of air that you yourself would want to breathe.

to Revive Your Roses! LATE AFTERNOON for Best Results!

The things you can do to prolong the life of your cut roses start in the garden. Obviously, strong, fine, durable flowers are most likely to be borne on healthy, vigorous bushes. So provide a good location, suitable soil, and good drainage; plant carefully, feed properly and adequately, water if necessary, and protect against destructive pests and weakening diseases. In pruning bedding roses, light cutting may give more flowers, but they will have shorter stems, less foliage and, probably, poorer lasting qualities. Severe pruning promotes strong growth, more foodmaking leaves, and larger, longer-lasting blooms.

Cut roses when the buds are ready to open but before they have fully expanded. A clean cut, made with a sharp knife or pruning shears, will absorb water more freely than one made with a and in the 1945 Annual of the American Rose Society, that "greenhouse roses cut in the afternoon (4.30 P.M.) keep longer than those cut in the morning (8 A.M.)" by an average of from 7 per cent in winter to 11.4 per cent in summer. This is the difference between 94 hours for morning roses and about 111 hours for those cut later in the day. Dr. Joseph E. Howland, Research Assistant in the Department of Floriculture and Ornamental Horticulture, who did the work, acknowledges that "all of the factors which determine the life of a cut flower are not known," but explains his results on the basis of the food content rather than the water content of the flowers. Leaves make sugar when the sun shines; the sugar is sent to all parts of the plant whenever the sugar solution in the leaf cells is more concentrated than that in the other cells-which is most of the time. Leaves normally contain more sugar in the afternoon, the fruit of their day's work. Hence, so do the flowers; and the higher the sugar content of a flower, the longer it holds its petals.

All this assumes, of course, a sufficient supply of water in the plant to enable it to function normally. We asked Dr. Howland if roses in the garden where, on a hot day, the air would presumably be drier than in a greenhouse, could be expected to act the same as his experimental greenhouse blooms. Pending the results of ex-

Iwice a Cover House for very obvious reasons!

THE PHOTOGENIC LOS ANGELES HOME OF MR. AND MRS. H. E. ANDERSON

AAAAAA

Anhaka

Martha B. Darbyshire

Photographs by Maynard L. Parker

ONE of the questions most

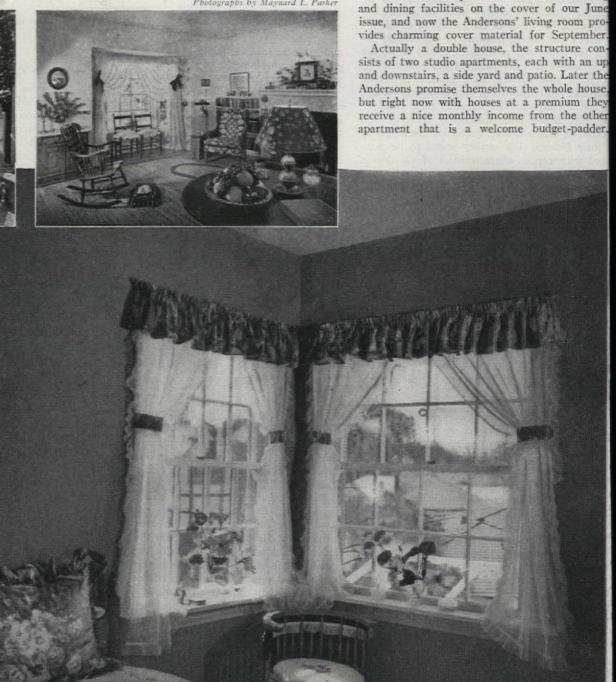
often asked by our readers is "How do you find

what may be called a magazine house?" The answer is by inspection of countless houses You weigh a lot of homes. Some are good. Some are bad. But plain good is not enough. "A magazine house" must be what the American young-ster calls "super"—and super doesn't always

mean that the house is necessarily perfect from the standpoint of architecture and costly, beautiful furnishings. It takes much more than that It must suggest fresh, new ideas to readers Sometimes the house has special architectura interest. Again, it's the ideas in interior decoration that count, or it might be an "outdoor living" idea that makes it right for us. Whatever it is, the house must "click" right away.

An instantaneous "click" was the house of Mr. and Mrs. H. E. Anderson of Westwood

Hills, West Los Angeles. So much so, that you saw the barbecue patio with outdoor cooking



Simple and charming is the Andersons' master bedroom. Walls painted Williamsburg blue provide a restful background for the crisp whiteness of the ruffled marquisette curtains and the old crocheted bedspread. Valance and bed skirt are chintz in beige, blue, and gray



Warm, cheery, and inviting is this view of the living room. Rough, white-painted brick, informal ruffled curtains caught back with big green bows, and scotch plaid sofa all add to character of the room. Table in the breakfast nook, below, looks out over barbecue patio

From the beginning the house was a family oject. Mrs. Anderson's father is a contractor in okane. Mrs. Anderson herself studied architece at one time, was the only girl in her manual ining class at high school. When it came to ilding her own house she worked out her very n plan which she then turned over to designer onte Healey. The house remained a family affair, wever-her uncle, E. A. Scott, was the conctor. Her father came down from Spokane seval times to add his knowledge for good measure. Mr. Anderson was in there, too. During the ek-ends he made the iron door on the fireplace en and all the fire tools. And when it came to e patio, Mr. Anderson did it all himself, the brick d trellis wall, flagstone floor, and the outdoor eplace with a hood made of tin and painted ack. When he finished the strong-back work he about making the outdoor benches, stools, and e dining table which he painted in gay colors lashed with peasant figures.

Naturally most of the money went into the buildg, with the result that the Andersons' apartment decorated with the furniture they owned and hat Mr. Anderson made. First he made the sawack breakfast table near the kitchen window. In act, it was planned in time to dictate the size and eight of the windows which look out on the side and and terrace and the green trees beyond.

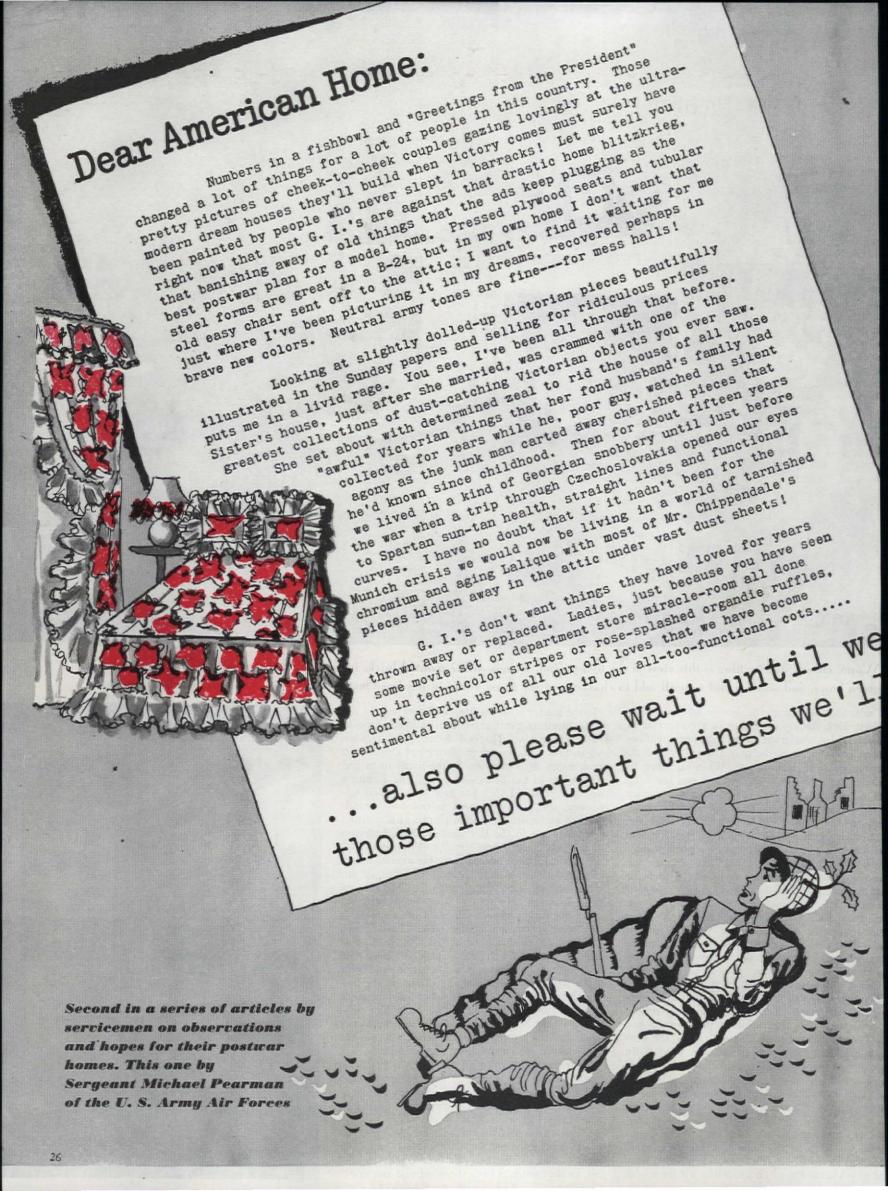
Next he made the pine end table by the fireside hair, and a desk on the stair landing. Mrs. Anderon was making curtains, slip covers, and lamphades like mad. By the time her shades were ready Mr. Anderson had electrified an old brass oil lamp and also changed a coach lamp into a floor model. In the master bedroom Mr. Anderson painted the maple furniture pearl gray. The walls are done in Williamsburg blue. The bed flounces, day pillows, and curtain valances are raspberry red chintz with floral design. It is the same in the living room and every room in the house—they used the furniture they had. The old sofa has new scotch plaid upholstery, the radio has been installed in Grandmother's commode, and when there was a question of what to put in the bay window, Mrs. Anderson thought of a pair of old straight chairs which she uses, set close together, to resemble an old wagon seat. Two ruffled cushions give them a perky air.

To offset the economy of using the old furniture Mrs. Anderson admits she went extravagant in employing color. The scotch plaid on the sofa is red, black, yellow, and hunter green. Hunter green is almost an obsession with Mrs. Anderson. She likes to wear the rich, deep shade of green and she likes it in her home. It is the background color of the living room rug and the chintz on the fireside chair. One easy chair is upholstered in green rough textured cloth. The living room bay wallpaper, as in the stair hall, is a design in hunter green, and the organdie curtain tiebacks repeat the color. Green ivy trails along the mantel.

Color augments color all through the house. It appears inside the bookcases lined with wallpaper like that used in the bay window. Sometimes it is a gay afghan, or bits of colored glass in a window, or geraniums in white pots on the sill.

The Andersons have worked hard. As Mrs. Anderson expresses it—"Since the project began, we have learned to weather whatever comes along—just as the postman does the wind and the rain!"





No. 1 in our Homemaking Plans for Young Marrieds

Richard Pefferle

THERE is any one element in furnishing a living in that may become a stumbling block without your knowing it, uptered furniture is that element. The reason for this is a difficult questo answer for most people today are better informed about home pration than they ever were before. In fact, the merest novice can k into a room nowadays and say with a fair amount of accuracy—is room is right," or "This room is all wrong." Just what makes some now rooms right and others so wrong very often depends upon the e upholstered pieces and the groupings in which they are used. These es almost always form the nucleus of the room plan.

he easiest method in furnishing an average living room is usually the least followed—that of placing the right upholstered pieces first, ore tables, before cabinets, before shelves, pictures, lamps, accesso—all except carpets. The most confusing way is to buy a van load lamps and knickknacks, small insignificant tables, pillows, and the and throw them into a living room without any thought of heavy olstered furniture to counterbalance all this small fry. The results are



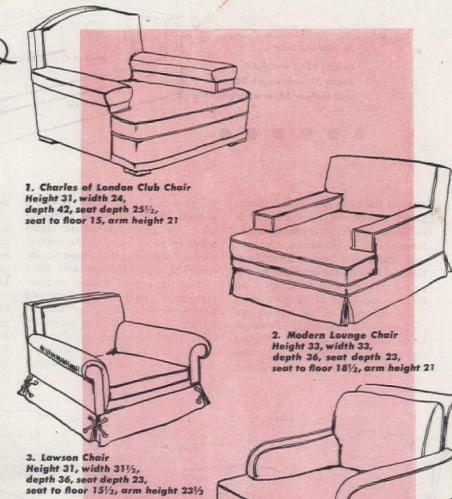
Robert W. Irwin Co., photograph by Emelie Danielson

27

can shop together for need for our home.

ter a junky room devoid of all comfort, or a room that is all legs. The man of the house coming home dog-tired from work invariably as for one thing on entering the living room—a place to sit down comtably and relax. Why he so seldom finds a good selection of comtable places in which to sink his weary frame should go down in home oration history as one of the major mysteries of all. I never could ine what a living room was for if it wasn't to live in. And, since we like to sit down and relax, read, talk or just live, why must a living m be so highly styled that the sofa and upholstered chairs fairly faller backwards in expressing the handed-down handiwork of Chippenee, Sheraton, Phyfe, or one of the French Louis? Let me hasten to say t there is absolutely nothing wrong decoratively with these styles, I good living rooms are not difficult to achieve with any of the great niture periods—if the basic furniture is right to begin with.

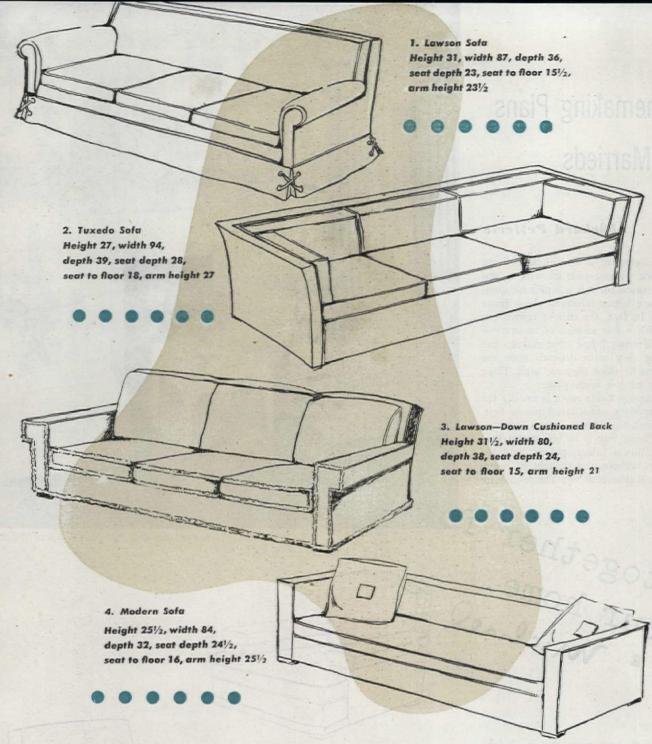
Great strides have been made in the past few decades, not only in the ign and manufacture of upholstered furniture, but in the education salespeople in intelligent merchandising methods. In years gone by ny furniture salesmen never knew what was beneath the fabric cover a sofa or chair they were attempting to sell, and cared even less. It s sufficient to know the color and price. In recent years, however, h the rise and public acceptance (even demand) for interior decoors, many furniture and department stores have found it advantageous retain several full-time decorators on their staffs, and in quite a few ses every furniture salesman on the floor is required to have had thorgh training in interior decoration in order to help prospective buyers. One of the most frequent mistakes occurring in home decoration is the se in which, after deciding a room is to be Early American or Federal Victorian, the average person sets out to make it too much so. Perps it depends upon whether we really want the room to live in, or st to look at. In order to live in a room and enjoy it you must rest d relax therein. How easy the deduction is and how seldom followed!



4. Pillow-back

Height 32, width 27.

depth 37, seat depth 28, seat to floor 18, arm height 21



Here is the often overlooked secret: Select upholstered furniture that is so simple in line, so comfortable and luxurious in construction that the sofa and chairs become chameleonlike and take on the character of any period they are used with, according to type and color of covering used.

For instance, let us suppose we are furnishing an Early American room with maple or pine Windsor chairs, gate-leg, trestle and tilt-top tables, book cabinets, pewter, brass,

old glass and china. If the furniture is good, either antique or reproductions, the pieces should in themselves afford, at once, all the interest needed to distract and entertain the eye. The right chintzes and plain fabrics, the correct hooked or plain rugs, good prints or paintings add further interest. Hence we find no further design or pattern necessary. How logical it becomes then that sofa and lounge chairs should be simple and of good quality and constructions.

tion, not crying aloud for attention.

There are, of course, styles which compliment Early American more than others. The Lawson chair and sofa have been favorites for years, and with reason. A properly made Lawson is a gem of upholstery.

Drawing 1 on page 27 is a Charles of London type chair. Heavy and generous in size, it is solid comfort in large rooms, takes up too much floor space in smaller areas. It is a man's chair, you often see in hotels.

Good with massive English oak an walnut, conservative decoration.

Drawing 2 is a variation of Charle of London style. Still big, it is mor modern in feeling, has simpler lines Good in modern rooms.

Drawing 3 is a good example of Lawson chair. Perhaps the most versatile of all, it can be dressed up of down, in tweeds or damask, can change its style to fit any room.

Drawing 4 is a pillow-back loung chair with a deep seat. Pillow is sep arate. Versatile, usable, it is some what smaller in scale, like the Lawsor fits well into average size living room and bedrooms. Good with Eighteent Century, Early American, or Modern takes skirt treatments and trim. Slip covers well, as does the Lawson.

Drawing 1 on page 28 is the Law son sofa, most popular of all. Look well upholstered in prints, solids, sil damask or burlap. Use in any room if fabric is in key with the scheme.

Drawing 2. A variation of a Tusedo style sofa with boxed cushion made into the inside arms and back Good with modern or with 18th Certury when suitably upholstered.

Drawing 3. A modified Lawso sofa, deep and generous in proportion. The back pillows are down separate cushions. Good with Federa and Georgian in spacious rooms.

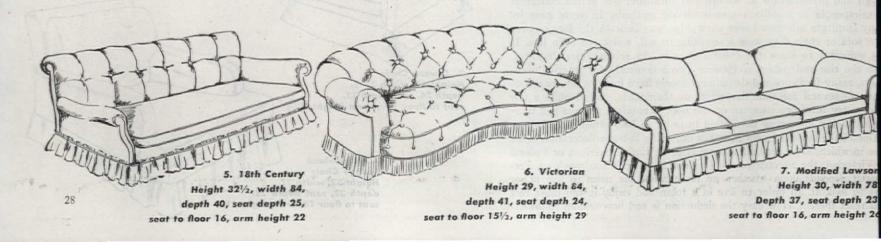
Drawing 4. An out-and-out modern sofa with simple, good lines. Us modern fabrics, textures for upho stery, cushions to soften angles.

Drawing 5. A luxurious sofa wit fat, square biscuit tufting in the back Slim, graceful lines with or without a skirt make it good with French clighter 18th Century.

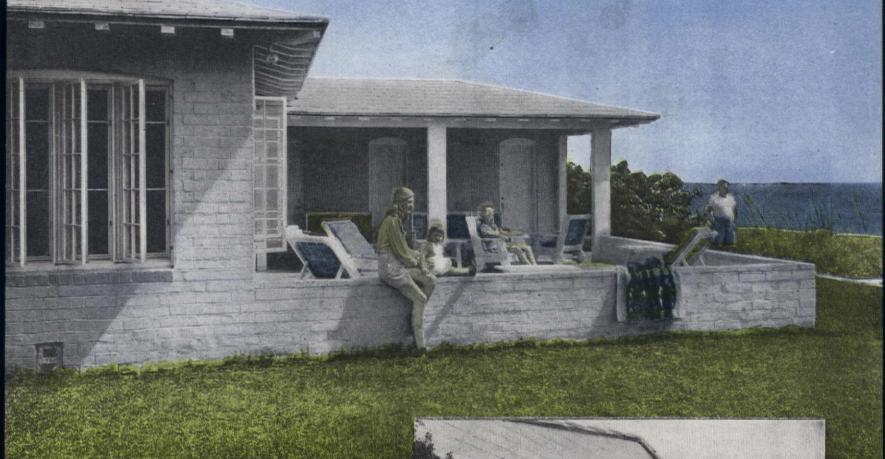
Drawing 6. A lavish piece, tufte in the back and seat, typical of th lusher Victorian period. Usually up holstered in velvet with fringed base Fine with heavy 18th Century.

Drawing 7. A more curvaciou type of Lawson which slip-covers well use with informal 18th Century of Early American or Provincial. Besidone in a cottage type fabric.

It is true that the best in uphol stered furniture is the wisest buy in the long run. Sofa and chair "suites" a bargain prices are seldom worth the money. The frames are usually of sof woods and easily broken; the spring are sparse and weak and the stuffing a matter of conjecture. Good furniture with kiln-dried hardwood frames the best springs and padding, lasts for years. Cheap upholstery is doing well if it lasts approximately one year.



Museum for Living ON THE FLORIDA COAST



YESTERYEARS"—GOLDEN BEACH HOME OF RICHARD K. LACKEY

Jane Fisher

Photographs by F. M. Demarest

WHEN my Grandfather Sanford Lackey and his wife, Jane urphy Lackey, came from Ohio during the migration period and settled in diana, they were seeking new land for their cattle business. They lived on e old National Highway, the toll road from New York to St. Louis," ichard Lackey, owner of "Yesteryears," told me as we sat in the spacious me room looking out on the ocean. "A canal was built from Cincinnati to agerstown, Indiana, opening up water transportation and that is how most this collection of furniture, which has taken years to assemble, was brought to Indiana." And now this famous assemblage of furniture and paintings, re china and glass are in a house built and planned especially around them. When Dick Lackey inherited this collection from his parents he had them ipped to Florida. Measurements and photographs were taken of each piece furniture. Mrs. Lackey drew pencil sketches, made notes, and from those iginal ideas architect George Coffin drew plans. As the house was to be built h the ocean, special efforts had to be taken to insure against damage from e severe winds and hurricanes which take such a toll in the tropics. "The ost efficient material that could be used in building in the Florida area was ed," Mr. Coffin told me, "for we are subject to torrential rains and winds hurricane force. I have learned through years of experience that special forts had to be made to keep out dampness and that the stucco construcon formerly used was not what we needed for this ocean-farm-ranch-house hich Mrs. Lackey had planned." Constructed on a concrete foundation exnding eight feet below the natural grade of the ocean front and further rotected by a massive buried masonry sea wall, the exterior walls above that bundation are constructed of four by eight by twelve, locally made, adobe rick. The protective outside shutters are of wood, double hung with weather-

White iron dogs at door, sage green wall background, red brick steps

stripped wood casements. The roof of white cement shingle tile is laid over a membrane waterproofed roof. The three foot six, overhanging eaves protect the windows while the louvered shutters, which give such a pleasing architectural effect when closed, protect the windows from storms. The backs of the shutters are made of solid marine plywood to prevent sand-blasting of glass during hurricane weather when the sand is blown with such terrific force against houses built by the sea. All the exterior flushings and metal work are of copper. "In my opinion," said Mr. Coffin, "adobe tile offers the most efficient protection against dampness." And so, carefully and slowly, this unusual house by the sea was planned, this farm-ranch-house, to house an interesting family of three adults and an amazing collection of rare and beautiful antiques!

At the front door a pair of dazzling white, painted iron greyhounds guard the entrance. Up three wide red brick steps a modest white picket fence gives privacy to the patio which is glimpsed at the white gate with "Yesteryears" in gilt letters running down a picket. A flaming red bougainvillea vine on the delicate green wall at the side of the gate gives an interesting bit of color. Walking into the patio two white swans with outstretched wings give a startling and novel effect. "Those swans were always on the lawn at my home in Richmond, Indiana," explains Mr. Lackey proudly, "and see the bell in the far corner on that pole. Well, that bell was on the first locomotive to cross the bridge into Johnstown, Pennsylvania, after the flood May 31st, 1889, when more than 29 lives were lost. John F. Miller, Superintendent of the Columbus Division of the Pennsylvania Railroad, gave the bell to my father."

The patio is almost square with a terrazzo dance floor surrounded by green grass that sets off the whiteness of the white iron swans. Around the patio is a wide gallery, lighted by picturesque Paul Revere lanterns hung on the walls.

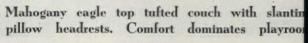
"We had lots of fun designing this house," said Mr. Lackey as he escorted me through this museum by the sea. "First, we wanted everything as modern as could be made and still be a perfect setting for all of these very old pieces of furniture that were handed down to me by my parents and grandparents. Measurements were taken of every piece of furniture and for these old crystal chandeliers we had to have extra special construction to carry their weight from the ceilings." And such chandeliers! Myriads of small crystal drops hanging from graceful branches dominate both the living and dining room. Each of the bedrooms has one of these scintillating crystal chandeliers glinting with sunlight during the day and brilliant with electricity by night, for all of them have been electrified.

Treated cypress has been used throughout the house. A clear lacquer finishes the woodwork inside while

Victorian simplicity, satin damask draperies. Sheraton sideboard, mahogany table, carved backed chair make dining room elegantly dignified. Framed tapestry by Mr. Lackey's mother, chair seats by Mrs. Lackey



Carved gold-leaf framed mirror over marble shelf reflects wallpaper and louvered powder room door













low pine. "We wanted a simple farm-house type of architecture with the detail depending upon the contrast between the adobe walls and the rough-sawn wood and the old tile and brick floors, . laid in patterns with uneven joints. We wanted the exterior of the house to give the effect of having been built with peon labor-nothing stereotyped or regular. We tried to achieve results in the choice of materials, with strong, massive chimneys, plain and solid, to tie in with the large mass of house, simple in detail. We built wide, overhanging eaves to protect the windows against heavy rainfall; they keep the hot sun off the walls, insuring a cool house in this semitropical climate, for remember, we live here all the year round and Florida summers can get very hot even though we are right on the ocean. The kitchen was especially designed to serve into the patio as well as the din-









Wing-spread carved eagle on headboard. Heavily carved posts support embroidery trimmed ruffled canopy. George Washington's portrait hangs appropriately over the eagle. On washstand, partly shown, is one of Mrs. Lackey's slop-jar collection



ing room, playroom, and the ocean terrace."
"I wish you'd look at those Paul Revere lamps," suggested Mrs. Lackey. "Dick had them

hung on wooden pegs built into the masonry and tied with rawhide. I know Mr. Coffin must have thought us crazy sometimes with all the ideas we had and those pencil sketches of mine, but he worked admirably with us. The credit for carrying out and the assembling of our ideas, and making the house what it is, goes to Mr. Coffin, our architect, always patient and helpful."

Going into the playroom, I peered curiously into an open door. Mr. Lackey began to laugh, "So you have discovered our 'Chic Sales'." "How on earth did you ever happen to think that one up?" I inquired. "Well, in Indiana, when I was a boy we had one so I thought it would be fun to make a joke of the men's powder room and duplicate a real Indiana privy complete with Sears Roebuck catalog. I touched it up a little, embellishing it with James Whitcomb Riley's poem, The Passing of the Backhouse, framed in split corncobs with a few poignant signs, complete with wooden seat and

lid; it is a source of great amusement." "For that mahogany desk," chimed in Mrs. Lackey, "we had to make the livingroom ceiling two inches higher than we had planned. The desk belonged to Timothy Nicholson, Master Quaker, and is ten feet tall." Solid mahogany with hand-carved, beautiful fretwork on the top, with the fretwork repeated on the glass doors, the desk part lets down on heavy brass hinges with beading all around. "Mother added those glass shelves to hold her lustre collection, most of which is still intact. Formerly there were shelves with pigeon holes below." Tenderly Mrs. Lackey picked up a silver lustre pitcher, "Mother loved these old things. She loved ivory miniatures, too, and how she cherished these Lady Hamilton







in 1822." The Staffordshire inkwell was the original one used by the Master Quaker himself. His good work in fostering prison reforms and bettering conditions for the poor and oppressed, lives after him.

A pair of fifteen-inch Staffordshire vases grace the old desk and before it stands an authentic Chippendale chair with its original tapestry seat, its colors mellowed with age. By the side of the desk is an old globe on an inlaid mahogany stand with the legend:

Carey's Terrestial globe, Tracks and Discoveries made by Captain Cook. Also those of Captain Vancouver on the Northwest Coast of America and M. de La Perouse on the coast of Tartary Together

With every other Improvement collected from various navigators to the present time. London, March 1, 1815

Made and sold by J. W. Carey, Strand, London

The marble mantelpiece of the living-room fireplace was

The marble mantelpiece of the living-room fireplace was in Mr. Lackey's Richmond boyhood home. Over it is a fine gold-framed mirror, while on the mantel itself stands a most original and fascinating collection: three pairs of vases of graduated sizes which, as near as can be discovered, are French cameo vases. "They have been called 'cameo vases with a flare,' explained Mr. Lackey. The largest pair are about eight inches high, the others graduating to four inches. On each vase is a cut cameo figure in beautiful, clear colors. The vases are dead white with this startling cameo, perfectly etched, standing clearly in relief from the body of the vase. Made of a paste of exquisite texture "Jasper" ware was either dead white or ivory. It could be colored when in the kiln with certain metallic oxides. Combining iron and cobalt a wonderful green was achieved, while with cobalt alone,





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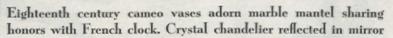
of meat. Ask your gro-

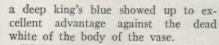
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While gazing in rapt admiration at the crystal chandelier hanging from the tray ceiling of the living room, so designed to get additional height effect, Marie Lackey Snyder, whose doctor husband is in the armed forces came into the room. "What a time," she exclaimed, "Mother and I had to assemble those chandeliers! It took us two entire days to hang those three hundred crystal drops and get each one in its proper place! It was a long-winded job."

"To get height in the room and preserve the low outline on the exterior of





Outer and inner lid, wrapped bamboo bale distinguishes this "hobby to and all ballte stad in this Royal Minton slop jar. American, English, and French china





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Now watch me, children, while I wash And rinse and starch and press. You'll see how cotton, Linit starched, Looks like a linen dress. To half a cup of water, cold, Add half a cup of Linit And then two quarts of water, hot, Is just enough to thin it.

Shirts and sheets and curtains, too, When starched the Linit way, Will iron like a summer breeze And clean much longer stay.

So, children, when you're sent for starch, Say "LINIT" to the grocer, And if you're offered something else, Politely answer, 'No, Sir!'"

- LINIT LIGHTENS LAUNDRY LABOR



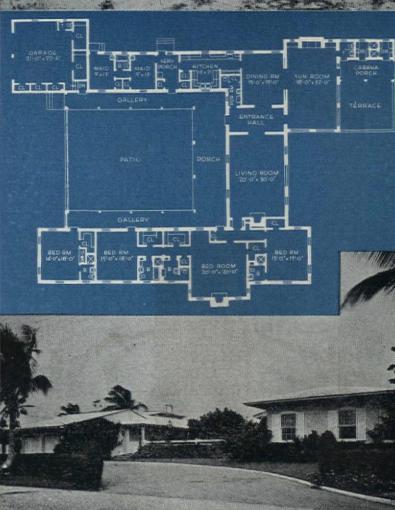
LINIT is sold at all arocers

Mr. Lackey demonstrates his ingenious storing method for bicycles pulleyed up and down to the garage rafters



the house, to avoid a settled outside appearance, we had to design the ceilings strong enough to hold these heavy chandeliers. We used this treatment in all the rooms as we have a crystal chandelier for every one except the playroom, where one would

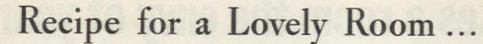




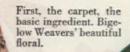
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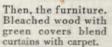
(for full home decorating rules, send for booklets below)



Next the walls.
Mix carpet's
beige for hall;
for living room,

carpet's deep

Third, the curtains.
A lighter shade of green, highlighting the dark walls.



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be out of place," said Mrs. Lackey.

A Duncan Phyfe sofa is by the white marble fireplace. The old samplers are replicas in miniature of pieces of furniture carried by salesmen who drove through the country calling at farmhouses to take orders. These old pieces of especial beauty of design and satiny woods are used in the Lackey house as end tables. A mahogany chest of drawers inlaid with satinwood, a bureau with small top drawers, and a buffet for a dining room occupy the Lackey living room.

The wide front door leads from the spacious patio porch into a wide front hall. Opening on the left to the living room and on the right to the dining room, the entrance hall is filled with interesting antiques. The Lackeys call one corner of the hall "the matrimonial corner" because on a birdnest, tiptop mahogany table sits a squarebased lamp of white milk glass supporting twin blue squatty bowls with a match holder in between. This lamp was supposed to be given to newlyweds. Over the table hangs a banjo clock that Mr. Lackey explained came from a Kalamazoo, Michigan, bank. It is a Simon Willard clock. A battle scene on the glass door has the legend in thin black and gold scroll printing, "Enter Irise and Boxer." An intriguing table with a handsome gold-leaf framed mirror hanging over it near the entrance displays an old slop jar.

Replying to my "Where on earth did vou ever get this?" Mrs. Lackey answered, "That is the prize of my collection. It's rather an amusing story. I found the first one in the hayloft of Mother Lackey's barn. Mother was as avid a collector as Dick's father and when the house became too crowded, things were sorted out, some sold and others relegated to the barn loft. I went down to Mother Lackey- 'Oh, how beautiful this is . . . just the thing to hold long-stemmed gladioli,' I said enthusiastically. Mother laughed, 'Why child, I'll bet you do not even know what you have found. That's just an old slop jar . . . you can't use that for flowers. Land's sakes, folks would laugh at you if you did.' And that's how my slop-jar hobby was born. If you like, I will show you the rest."

Fondly Mrs. Lackey brought out her most amazing slop-jar collection. "That blue English one I had to bargain for in a little old North Carolina shop. The shop owner finally succumbed to my pleadings and sold me the slop jar. I think it is really my favorite, even though it has no lid. This one, too, is English, the same pattern of china found in the restoring of Williamsburg. It has the same lovely delicate pink drapery effect with white sprays and bunches of fern leaves and flowers. Another of English china is a green and white allover pattern while one blue on white had the handles and bowl, top and feet etched ever so finely with gold. Stamped into the bottom is 'Albany Bone China.' One large, fat-bellied bowl, unmarked as to the maker, is scalloped on top. White with a mod-



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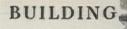




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PRODUCTS

ernistic stylized design of gilded dogwood flowers standing on slender stems like a frieze around the bowl. the large heavy handles give a sturdy and practical look not to be denied as to its usefulness in the olden days. One jar is unmarked save for the number 1495. It is tall, with a green and yellow flower design. This was given me by Mrs. Pearl Jenny of Marblehead, Mass., but," pointing to one of Royal Minton china, "this slop jar is the Versailles pattern and has an inside protective basin and wrapped bamboo handles, black trimmed. I consider this the best piece I have," continued Mrs. Lackey. Little pink and white roses in scattered clusters make this the most attractive piece of the unusual hobby.

I accused Mrs. Lackey of taking her color scheme from the old Minton china slop jar for the decorations in her powder room where the walls are covered with pink geranium striped paper. Looped-up, ruffled white curtains are held back with bunches of pink geraniums while the dressing table and quaint oval stool are covered with geranium-colored satin.

It has been said that an antique is not an antique unless created before 1830 and that date was settled upon by the Smoot-Hawley tariff. Most people think because a piece of furniture is a hundred years old it is an antique, but it is not only the age, but the craftsmanship that counts.

It was in 1830 that the claw-footed Empire sampler table of walnut and curley maple insets, and Waterford glass pulls with ivory inlaid keyholes was carried from middle western farmhouse to farmhouse by an eager salesman in an old horse-drawn buggy. In the Lackey living room it is used as an end table. It has one large drawer and two doors and was intended for linens and to be used as a dining room service table. This was bought in Camden, Ohio, from an old jeweler who used it to keep spare parts for clocks. Another sampler, a bowed front sideboard, is a very rare piece of furniture; there are few in existence now. Made of two-toned mahogany with maple insets, the three small top drawers with one large middle one and three small ones at the bottom have the original plain Waterford glass knobs. Maple columns support the top of the sideboard. This furniture represents the influence of migration on the Ohio River and over the National Highway from the East to the West. A mahogany highboy has spiral, round-turned posts, with wooden knob pulls; the beautiful graining of the wood sides of the top drawer is the most outstanding feature.

Over in one corner of the living room is a drop-leaf mahogany table which holds a pair of large Staffordshire vases, a beautiful lavender prism lamp, and a collection of early English silver candle snuffers, while on a small, square table with two little drawers and milk glass pulls, there is a collection of old paperweights. There is one in the shape of a bottle, one of clasped hands of friendship in







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black glass; a ruby glass prism lamp sheds a soft, rosy glow over them all.

A massive gold-leaf framed mirror with a gilt eagle topping it, hangs above a drop-leaf table. Two low round-backed chairs stand near by; one of them has a carved back and both have tapestry seats made by Mrs. Lackey. Making tapestry is another hobby of Mrs. Lackey. The seats of the dining-room chairs, as well as the two early Victorian rockers, two square mahogany stools in front of the friendly fireplace are her handiwork. While this house is a veritable museum and most readers will think it could not be homelike, there are few houses that dispense more charm.

On one wall by the old Master Quaker desk hangs a portrait of Lincoln in a round shadow-box frame with a green background, dated 1860. Near by hang pictures of Martha and George Washington in carved goldleaf frames. On the large, round mahogany table in the center of the living room is a collection of old miniatures and daguerreotypes, fascinating pictures produced on silver plate. One of these reposes in a guttapercha boxlike hinged frame with raised carved figures depicting Washington crossing the Defaware.

Through a small book-lined square hall which leads from the living room to the ocean front bedroom of Mr. Lackey are spacious linen closets cleverly built into the walls. In Mr. Lackey's bedroom, as well as in closets all over the house, the doors are louvered to allow better circulation of air to assist in overcoming mildew. Not one practical idea was overlooked by the Lackeys and Mr. Coffin.

"This old Muhlenburg desk," Mr. Lackey told me, "was brought to Indiana in a covered wagon." A high mahogany four-poster bed with a blue and white hand-woven coverlet for bedspread, is the dominating note in this typically man's room. A modern drafting board before an easy chair is where Mr. Lackey, an ardent sportsman, designs a new belt or some useful fishing gadget.

"Where did you find these old floor tiles? Don't tell me they, too, came from Indiana?" "Oh no, those 13 x 13 square tiles originally came from Spain, were imported to Cuba, and used for at least a hundred years, and then finally landed here for the floor of this house."

Mr. Lackey's bath is blue and white, modern in every detail. All windows throughout the house are furnished with natural, wood finish Venetian blinds, easily turned or lowered to shield inside from the sun.

Wherever one turns, wherever one looks the eye rests on age-old beauty with an atmosphere of charm, repose, and contentment difficult to describe.

"Come see my bedroom," said Mrs. Lackey. Almost breathtaking in a square room with white marble fireplace, organdy curtains held back by fluffy pink satin bows, was a high mahogany bed. The tall, carved posts support a canopy of double ruffles of white organdy bordered with pink



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Architect: Walter A. Domann, Elm Grove, Wisconsin

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ribbon-run embroidery beading. "I made all the curtains and draped every bed in the house, you know," Mrs. Lackey shyly admitted. "It was such fun to do. Dick and I wanted to have everything as nearly the same as in his old home in Richmond. We marked on the plans just where the furniture would go before we even began to build. The height of the ceilings was determined by the furniture. We measured Mother Lackey's ceilings, and ours are the same height. The marble mantelpiece and the chandeliers are in the rooms much the same as they were in the old home. Everything came out so well that we only had about four or five things too many. We have tried to keep the grouping of the furniture as it originally was. I have added a touch of my own in this bedroom . . . my 'flopcorner' I call it." In a recess under a window is a built-in couch covered in gay, flowered cretonne. Comfortable pillows ruffled around, complete the "flop-corner" where Mrs. Lackey hides away from her busy life to take her much needed afternoon siestas.

From ceiling to floor over a low shelf of marble is a fine cheval glass mirror which occupies practically the entire wall in Mrs. Lackey's bedroom. Near by is an old comb rocker, one of the rarest chairs in the house, while at the foot of the bed is a hoop-skirt sofa done in delicate pink and white striped damask. Originally this sofa was covered in black horsehair.

A square hall connects the two bedrooms. Mrs. Lackey's bath is green and pink, her daughter's blue and pink. Topping the middle of the four-poster mahogany bed in Mrs. Snyder's room is a large carved wingspread eagle, with a fine portrait of George Washington in a gold shadowbox frame hanging appropriately over it. A drop-front desk with an odd swivel tapestry seated chair invites one to write in comfort while in the corner near the bed is an early Quaker washstand that holds one of Mrs. Lackey's slop jars filled with longstemmed red gladioli. The four seasons, Currier & Ives in maple frames, form a group over the night table.

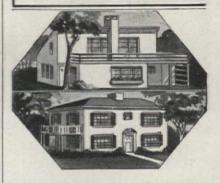
To enter the guest room one has to go outside onto the gallery which stretches around three sides of the patio. This room is pine-walled. The knotty pine boards, together with the red and white ruffled gingham curtains and bed canopy, give a cheery setting for a grandfather's clock and many drawered highboy. The interesting Jenny Lind dressing mirror on a maple and satinwood bedside table was produced shortly after the great success of Jenny Lind, the singer. Her tremendous success made articles of every kind flood the markets, manufacturers immediately realizing the value of this singer's name. Articles were made and named for her from gloves to dressing-table mirrors. The original glass of the mirror could no longer be called efficient today because its surface is now cloudy. Two replica figures of Jenny Lind support the mirror standing on brilliant



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green branches of a drooping willow.

"I think I sniff something good. Dick's cooking in the playroom." The fire was blazing and Mr. Lackey stood with the bellows getting the fire just right to cook our lunch. It could readily be seen that the playroom was decidedly a man's room with the row of china steins on the mantelpiece and the old guns fastened into the face of the brick fireplace. "This fireplace is rather interesting. The bricks we have used were from the old Florida East Coast ice plant built in 1906 when Henry Flagler ran his railroad into Florida. The brick, in all probability, came from Georgia for Florida never had the clay to make bricks like these. When the old ice plant was torn down, I bought the bricks." Grills are built in the side and an ingenious electrically run spit rigged up by Mr. Lackey himself, is as efficient as a Broadway rotisserie. The unique, comfortable furniture in the play-room was made in Florida. It is strictly modern with squashy cushions and is of cypress put together with wooden pegs and rope. Couches are fitted with wheels for easy moving on ocean terrace.

The pale sage-green brick walls of the playroom are made interesting with old prints of sailing vessels. The dignified dining room is a

strong contrast to the playroom. In the days when the style in furnishings were directed by affairs of state and court intrigue, the habits and customs of the people made it necessary to create new styles. The feeling of greater security produced by civilization gave rise to many changes. In the days of the restoration when the width of dining tables was increased, when it was no longer necessary to sit with back to the wall and sword in readiness, tables were made wider and placed in the center of the room. The highly-polished, square-cornered, Lackey dining table firmly occupies the middle of the room with ample space on sides and ends. Curved square legs support the center pedestal, and the seats of tapestry are worked on a gray-green background.

An invitation for a swim in the ocean gave the excuse to see the cabanas, opening from the ocean terrace gallery. "Oftentimes we serve our lunch out here," said Mrs. Lackey, "we live so informally, seldom dressing in anything but bathing suits or shorts. Sometimes we go in the water three or four times a day." Living in a museum the sharp contrast of the old and the new, the charm of easy informality is the keynote of this most interesting home. From the ocean's edge there is a crude walkway through the natural growth of the beach which is allowed to grow wild. Sea wheat, its long green graceful heads nodding in the breeze, huge plants of sea sage, their color having given the scheme for the painting of "Yesteryears," vie with the sea-grape in lushness. All this natural vegetation seems to know it cannot encroach upon the closely clipped green lawn on the other side of the sea wall.

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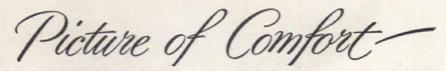
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If choice things thrill you, make a side-by-side comparison of an all-wool Springfield with any other blanket. Lay its caressing warmth against your cheek. Feel its depth and softness with your fingers. Here truly, you will say, is quality that expresses your own tastes and preferences. Look for the Springfield Certificate of Quality.

> THE SPRINGFIELD WOOLEN MILLS CO., SPRINGFIELD, TENN. Springfield All-Wool Blankets and Fabrics



Springfield Blankets are sponsored and distributed by WAMSUTTA MILLS

spot of clean-up work. And if you need a patriotic nudge, remember fuel is scarce and a clean furnace or boiler will frequently give you as much as 10 per cent more heat for the same amount of anthracite or bituminous coal!

Let's begin by opening the cleanout door or doors just above the fire door. Use the metal scraper and longhandled flue brush to clear flueways of that accumulated powdery ash dust which settles when the grates are shaken. To remove pockets of soot that would insulate the flueways and send a lot of heat up the chimney, you may have to scrape extra hard. If these deposits are too firmly lodged, or out of reach, for your flue brush to

First, of course, you have to do a is suitable for asbestos-boilers. For a galvanized iron hot-air furnace, enamel is preferable, but before painting it wash it down with a solution of zinc sulphate powder (obtainable in any drug store) so the paint will adhere. Rinse, dry, and apply a red lead priming coat or an enamel undercoat before putting on the top coat of enamel. Then decorate. Invite the whole family down, or if you feel since you did all the dirty work, you're entitled to all the fun, shut yourself in and express the wildest of those artistic talents you've been inhibiting all these years. Make the boiler a bright red and white candy stripe, or use the significant little "Hoot Mon" and Scottish thistles to convey the thrift idea. as Mary Ann Wackenhut, a high school





Photographs courtesy Anthracite Industries

Open clean-out door above fire door and, with metal scraper and a long handled flue brush, clean out ash dust and accumulated soot deposits

remove, try burning them out by throwing two cups of common rock salt on a brisk fire in the furnace. Now look around for leaks. With a fire in the furnace, hold a lighted candle around all doors and surface joinings. The in-draft will suck in the candle flame where any leak exists. Plug these wasteful passages with furnace cement-or asbestos cement for the chimney flueway, since you'll want this piece left easily removable. Check and replace worn, rusted, warped, or broken parts.

Now with the heating plant clean and-leak-tight, you're ready for the fun. Give doors and other metal parts a coat of black asphaltum or heatresistant enamel. Any flat wall paint





Test for leaks with lighted candle; seal cracks and joints with furnace cement. For visibility paint safety water level mark by side of gauge

student, did in the R. J. Stephenson home. The patchwork quilt idea-a good way to use up old paint-will appeal to the Bobby Sox contingent who will delight in autographing it for you. Don't worry about all those controls-make a feature of them; paint faces around them, or indicate their purpose for the benefit of the amateur. fireman. Dark rough metal parts can besmoothed over with furnace asbestos and they will beat a retreat into the background if covered with solid color paint. Decorate the coal bin, too. (Red, white, and blue stripes might be a good coal conservation hint.) Give your imagination free rein and make the family eat those unkind words they said about your artistic leanings.



A TWIST OF THE WRIST

CAN TELL YOU A LOT

ABOUT A HOUSE



URN on a faucet in the kitchen or L bathroom. If the water flows clear ... if there is good water pressure, it's a safe guess the plumbing is red brass pipe or copper water tube-a mark of a well-planned house:

Copper and red brass are the long-life materials in plumbing. Highly corrosionresistant, they do not form those clogging rust deposits which obstruct the flow and lower the pressure of water.

The service qualities of red brass pipe and copper water tube are well-known to your architect, building contractor and plumber: And they'll be glad to recommend CHASE brass and copper.

Chase Brass & Copper Co. Incorporated, Waterbury 91, Connecticut -- Subsidiary of Kennecott Copper Corporation.



Soon you'll enjoy Chase Red Brass Pipe or Copper Water Tube, Chase Bronze Screen Cloth, Chase Copper Gutters, Downspouts and Flashing in your house. And install good brass and bronze hardware and brass plumbing supplies, too.



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Here is a modern "storage wall" which retains all the charm of authentic woodwork design. It's only one of the many new closet ideas in "Today's Idea House"-new Ponderosa Pine 32-page idea book. This booklet shows you how to plan more and better closets for halls, bedrooms, living rooms-how to use mirror doors to enhance a closet's usefulness-how to make closets yield more storage space. But that's not all! "Today's Idea House" is a mine of information on how and where to use doors and windows of Ponderosa Pine to "stretch" . to provide more privacy, more livability. "Today's Idea House" will stimulate your planning-whether you build or remodel. Mail the coupon for your copy!

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THE BEST IS YOURS...
WITH PONDEROSA PINE

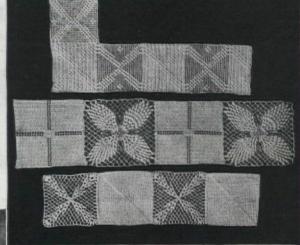
Patterns with a Past!



"Grandmother's Story" by William Eliot

ADAPTATIONS OF DELIGHTFUL CROCHET PATTERNS TAKEN DIRECT FROM FAMOUS PAINTINGS

often shown in rare old paintings and portraits. Exceptionally fine crocheting and lace on table and bed linen in art gallery pictures, quite frequently holds as much meaning and beauty for the needlework fan as does the composition and colors of the picture itself. Knowing this—in fact, being one of those fans ourselves—we decided recently to see what could be done about bringing some of this work right out of the pictures and onto our own needles. Toward this end, we wandered through museums and libraries with a weather eye out for any particularly charming needlework patterns clear enough to be copied or adapted—and we found them! With the exception of Pattern No. A-756, which we adapted from Mrs. E. R. Croy's bedspread shown in our March, 1945, issue, all patterns on this and the fol-



"Between Two Fires" by Francis Davis Millet

AMERICAN HOME PATTERN A-754

AMERICAN HOME PATTERN A-753
Rose Wreath edging, a dainty yet rich design to give a touch of old-world beauty to your best table linen. Design in relief on a crocheted filet background. Complete needle-work directions with actual photographs included in the pattern. 15¢

Crochet insert squares that will challenge your imagination! Use them lengthwise, crosswise, as all-around edging, or as solid crochet pieces for scarves, etc. Pattern gives all crocheting details and full-sized illustrative pictures. 15¢

Research by John B. Bade

Paintings courtesy New York Public Library



It won't be long now ...

G-E Day is almost here!

SPARE that aged furnace just a bit longer! It won't be too many months before your G-E Dealer can supply just the kind of modern Automatic Heating your home needs. And G.E.'s well worth waiting for.

There's G.E.'s long record of economical operation to think about... savings sometimes of ½ to ½ of fuel cost. Greater reliability. And important today, low-pressure, large-orifice burning equipment that not only operates quietly and more efficiently... but also burns the new, heavier grade of catalytic oil.

You'll be able to get exactly the type of G-E Automatic Heating needed to dovetail into your present system...or into the plans for a new home. Oil fired or

gas fired. Steam, hot water, or vapor. Or warm air winter air conditioners. All General Electric... and all attractive-looking, compact, and reasonably priced.

There's probably a G-E distributor in your neighborhood. Look him up in the Classified Telephone Directory... and tell him your heating problems TODAY!

General Electric Company, Air Conditioning Department, Section 5129, Bloomfield, New Jersey.

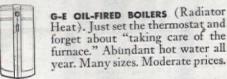
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G-E WINTER AIR CONDITIONER

- oil fired. Circulates conditioned warm air—filtered—humidified for greater comfort and health. Summer cooling units can be added.



G-E WINTER AIR CONDITIONER—gas fired. Burns gas the economical G-E way. Circulates filtered and moistened warm air heat at no extra cost. More healthful.



G-E CONVERSION OIL BURNERS. Can be installed in a single day. Attaches to your present furnace, brings you thermostat-controlled automatic heat at low cost.

Tune in: The "G-E HOUSE PARTY," every afternoon, Monday through Friday, 4 p. m., E W T, C B S... The "G-E ALL-GIRL ORCHESTRA," Sundays, 10 p. m., E W T, N B C... "THE WORLD TODAY" News, Monday through Friday, 6:45 p. m., E W T, C B S



Has it ever occurred to you that you could be playing beautiful music...music that everyone loves to hear? Perhaps, though, you can play only the simplest melodies and wouldn't dream of performing for your family and friends.

. W But wait! Even a simple melody on the Hammond Organ produces thrilling, sustained tones that will amaze you! You can play the easy versions of the world's best-loved music...of today's popular songs, and they will sound truly lovely. From the beginning

you'll get real musical satisfaction from the Hammond, and as you gain more skill your pleasure will increase by leaps and bounds.

III If you love music you will want to become familiar with the Hammond Organ. Visit your nearest Hammond dealer . . . play the organ. Then let him tell you how conveniently it will fit into your home, how moderately priced it is. Of course, you can't get one just yet, but you can make your plans. Send coupon for literature and name of your nearest dealer.

@ 1945



AMERICAN HOME PATTERN A-756

A charming crochet and linen combination that makes thrifty use of your partially worn-out linen sheets and tablecloths. Pattern has illustrated details for insertions and edgings, and for putting together the combination bedspread. 15¢



HAMMOND ORGAN

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Without obligation,	send f	full	details	about	the	Hammond	Organ	to:

THE AMERICAN HOME, SEPTEMBER, 1945



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almost make themselves, always ready on time. Switches you can set and forget. Controls that turn themselves low, or off, at the right time, while you're away. Dial-set, exact cooking speed instantly for ALL heating units. Automatic reminder signals.

Penny-wise Meal-making . . . Intense heat at small current-cost. Cooking units that transmit heat into your utensils without wasting it. Small cooking units for small jobs; a bigger unit for large jobs, for thriftier heat-use. An oven that hoards heat behind a thick



wall of insulation. A separate, easy-to-use compartment for thrifty cooking of smaller amounts of food -from meats to desserts.

Sealed-in Vitamins and Flavor . . . Scientific

heating that helps meat and vegetables to retain their natural color and texture, checks loss of savory juices. Penetrating, even heat that bakes and roasts clear through, preventing cakefailures, reducing shrinkage

so that roasts go further. Low-water cooking conserves vitamins. Genuine radiant heat for delicious "charcoal" type broiling to suit every taste.

Cool, Comfortable Cooking . . . A range that won't heat up the kitchen. No fumes. Everything handy, everything within easy reach. No need of kneeling, oven peeking or pot-watching. Not a wasted motion. Work-top light, electric clock, loads of other conveniences.

Big Meals in Little Space.

range, taking little floor space, yet with room galore in the oven for banquet-size roasts or fowl. Plenty of storage space for pots and pans. Roomy warmer compartment where foods stay hot, dishes safely warm.



Beautiful, Spic 'n' Span Kitchen . . . Strikingly styled cabinet with that "built-in" look. Finished in gleaming porcelain that wipes clean in a twinkling. One-piece stainless porcelain top with no seams to gather dust and grease. Smudge-free cookery that leaves no telltale traces on walls or ceiling.

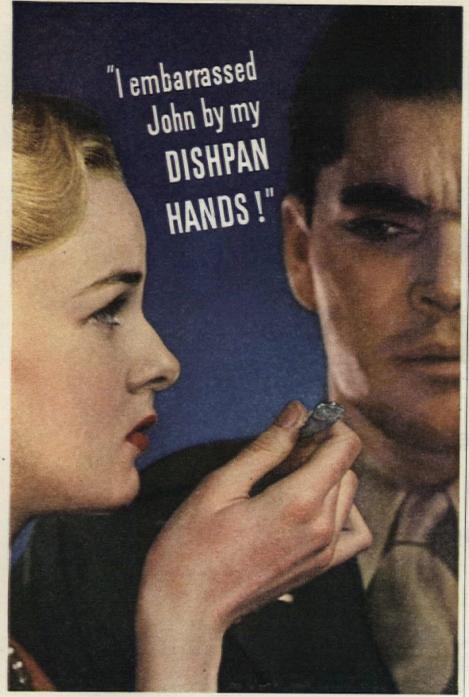
Look to the Favorite...Look to Frigidaire!

7550 WOMEN WERE THE JURY

The great research laboratories of Frigidaire and General Motors pretested every one of the materials that went into the building of this fine electric range. Frigidaire's Home Economics laboratories kitchenproved it. And 7550 women from all over America double-checked its features, appearance, usefulness. No wonder the name "Frigidaire" on household appliances has come to mean outstanding dependability, satisfaction and value in millions of American homes.

Some models of Frigidaire Electric Ranges are again being built. As soon as war needs permit, production will be increased to give you a wider choice of models and features.





"Maybe red, rough hands are a little thing, but I noticed a funny look on John's face when he looked at my hands. It was as if I had hurt his pride in me."

"Changing to LUX took away that red, rough look!" "I decided to do something about my embarrassing dishpan hands. I changed to Lux, and in just a few days my hands looked nicer. Soon they were soft and smooth again!"

Tests prove changing from strong soaps to Lux takes away dishpan redness. Lux is thrifty, too—ounce for ounce, does up to twice as many dishes as other leading soaps tested.



work step by step with the original museum picture.

It was the tablecloth in "Grand-mother's Story" by William Eliot that inspired our Rose Wreath edging (Pattern No. A-753). Kichly beautiful in design, the roses and leaves in relief against a lacy filct background also carry the delicacy and daintiness so desired in Mid-Victorian needlework. The edging is particularly effective around a fine linen, or closely woven cotton tablecloth. Roses and leaves against pastel organdy and made up as table mats is another possibility of the pattern.

"Between Two Fires," is the amusing title of Millet's painting from which we drew our crochet insert Pattern No. A-754. The original painting is in London, but from an excellent reproduction in "World Famous Paintings," compiled by Rockwell Kent, we found a clear delineation of the pattern. All three insertions are included in one pattern. They can be used in various combinations, either as distinctive insert bands in your finest sheets and pillowcases, as a complete tablecloth with squares alternating in design, or in ways best suited your own needlework needs and ideas. Three rows of each will make an exceptionally attractive table runner or dresser scarf.

From a third painting, "Hunting Affair," in the New York Public Library, we adapted Pattern No. A-755, a delicate floral design accented by rich, long fringe. Ideal for tablecloth edging or curtains in ecru or white.

Mrs. Croy's bedspread gave us our idea for a beautiful combination of artwork and linen (Pattern No. A-756). Complete instructions for making the lovely old-fashioned crocheted insertions and edges and for combining them with miscellaneous linen pieces (cut from old sheets, table-cloths, etc.) are included in this pattern.

AMERICAN HOME ORDER FORM A-753 Rose wreath edging 1.5¢ A-754 Three insertions... 1.5¢ A-755 Fringed edging... 1.5¢ A-756 Bedspread 1.5¢ Name Street Address City Zone No. State

PRINT name and address in coupon, which will be used as label for mailing patterns. Cut out order form along clash lines, check patterns desired and send M.O. or personal check to: (Please do not send stamps)

THE AMERICAN HOME 55 Fifth Avenue, New York 3, N.Y.



• Food shortages are no problem for homemakers who have learned to be meals and budgets with Horlick's, Original. The full cream milk in Hor is rich in butter fat and combined with malted cereals provides the high que proteins you seek in meat. Its not sweetness—derived from milk and sugars—satisfies the cravings for stand supplies quick food energy. Serve glasses of Horlick's with meals and between too. It's delicious mixed water or milk. Use it as a sweetness cereals . . . 2 tasty topping on pudd fruits, and other desserts.

Get the large 5 lb. Family Size pad from your drug store today. It saves time, steps and money—as much as \$

HORLICK'S the Origin



For cleaning tile a walls & woodwork Beats all others by a mile!



Get SOILAX at Hardware, Pain Variety and Department Store Economics Laboratory, Inc., St. Paul, Min

What's your I.Q. on Electronics?





A. What is this rod-like affair?

☐ Effervescent tube

☐ Flute

☐ Towel rack ☐ Fluorescent lamp

☐ Roller shade



F. What do you think Electronic Devices can be made to do?

☐ Decide ☐ Measure ☐ Count

☐ Remember



H. What does Sylvania Electric

☐ Electric light bulbs ☐ Fluorescent lamps, fixtures and accessories

☐ Radio tubes ☐ Cathode ray tubes

☐ Electronic devices



B. What is the range of this portable radio telephone - the famous "Handy-Talkie"?

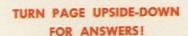
□ 1-5 miles □ 50-100 miles □ 500-1000 miles 2-4 city blocks



G. Why does a fluorescent lamp cast less shadow than an electric light bulb?

☐ It gives more light ☐ Its light is softer It's a bigger source of light

☐ It makes light rebound





C. What does F.M. stand for?

☐ Free Meal ☐ Frequently Moderate

☐ Frequency Modulation ☐ Finer

Make



D. How many radio tubes are there in a single B-29 bomber?

□ 520

☐ Over 700



wide surveys on home lighting, radio, television, electronics? Then write for the booklet "They Want." Address 5yl-vania Electric Products Inc., Devania Elect Would you like to learn some inter-esting results of Sylvania's nation-

partment 519, 500 Fifth Ave.,

New York 18, N. Y.

"THEY KNOW WHAT THEY WANT"

H. All of them! Just as you probably guessed. doesn't apply to the sun!

6. It's a bigger source of light. The larger the source—the less shadow. Note: this

you in the future depends upon what you want done and what you'll pay for the Electronic devices can do all these things and many more. What they will do for

your postwar television receiver. Right! It's a cathode ray tube-heart of to the armed forces!

tubes in action...one reason why nearly all of Sylvania's radio tube production is going Tokyo, that means at least 210,000 radio D. Over 700. In a 300-plane attack over

true-to-life reception. noise, allowing full range of tone, more know. It is the more recent method of radio broadcasting which minimizes static and Frequency Modulation-as you probably of cigarenes!

and remind Dad to pick up an extra pack I-5 miles. Far enough to reach downtown Effective distance of the "Handy-Talkie" is who said "Fluorescent Lamp" were right. In a recent nation-wide survey, people called it all those things, but only those

THE ANSWERS



E. What is this object?

☐ Cathode ray tube

☐ War club

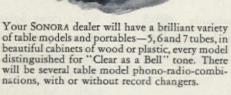
Potato masher

☐ Steak tenderizer





Whether it's a Table Model or a Console ...





You'll thrill at the beauty of SONORA'S de luxe consoles and phonocombinations—with or without record changers —in stunning mahogany, blond and walnut cabinet creations.



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It's always smart buying to check and compare, when it comes to a purchase as important as a radio. Yes, when you buy your new radio, don't depend on claims. Get the proof. Compare any Sonora radio for tone with any other radio in its price class! Listen carefully. Judge for yourself.

We can make this bold challenge because Sonora has been identified with advanced tone-engineering for more than 30 years. And every one of Sonora's beautifully styled new radios—from largest to smallest—will demonstrate to you new peaks of tone perfection...because every

Sonora model will give you "Clear As A Bell" tone!

So before you invest in any new radio, go to your SONORA dealer ... listen ... compare... Hear for yourself the famous SONORA tone that's "Clear As A Bell!" SONORA RADIO & TELEVISION CORPORATION 325 North Hoyne Avenue • Chicago 12, Illinois



HOME ENTERTAINMENT AT ITS BEST

Why Will You Plant Like This!



. The poor house—strangled with planting!



And here—corners suspended in shrubbery and trees!

Is yours one of those houses-of which there are, oh, so many-which, choked almost to strangulation by collars of plant growth drawn snugly around them, are prevented from claiming partnership with the land on which they stand?

Or is yours one of those louses whose sturdy corners are left suspended in thin air, supported merely by masses of flimsy shrubbery?

If so, it is just one more proof of the fact that the average homeowner, when considering the problem of planting around the house, gives no more consideration to the front yard or "public area" part of the composition than if it just didn't exist. No matter how large or how small the lot, all the planting attention (and it

is little enough in many cases) gets focused (probably "plastered" would be a more accurate term) on or against the facade of the house; and practically all the plants-large and small, pointed and rounded, evergreen and deciduous-inevitably find a resting place somewhere up against the front foundation. The final result is about as flat, "stagy," thin, and twodimensional as the painted scenery of balustrade, flowers, urns, and marble steps which many not-so-oldsters associate with the wings and backdrops of yesterday's vaudeville theatres.

And yet, judging by the results of a little experiment tried in the landscape gardening classes of the New York State College of Agriculture at Cornell University, that same average homeowner will display real potentialities for doing considerably better by the familiar triumvirate of house, lot, and plants-if only he can be made to know what he is after. And just what is he after? In nine cases out of ten, he merely wants to place a few plants so they will get rid of an effect of excessive bareness around the house. That is, he wants to make the house seem to settle itself comfortably into its surroundings. You can try the same experiment to prove that, when next you are faced by a problem of planting, you also will have a better understanding of what you are after and how to achieve it.

Here is how you go about it: Take a small block of wood (a match box will do if nothing else is handy), and

your objective, and work out the plan of your garden with three-dimensional masses, not mere lines on paper

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"Yellow pages' of the Telephone Directory



Twin Houses-but

one is ready for the time when Johnny comes home





NOT INSULATED. Mom and Dad Brown are a little bit worried—they'd like so much to give Jim all the comforts he's been dreaming about in his far-off foxhole. But now the house, for instance, is always hot in summer, chilly in winter—not at all like



KIMSULATED. Johnny's coming home. And the whole Foster family is ready with many surprises—one is their new Kimsulated home. In summer, the house is as much as 15° cooler, and when winter comes, Johnny and the family will be comfortably warm without burning unnecessary fuel.

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KIMSUL is the only insulation with many-layer construction. Unlike loose, bulk insulation, KIMSUL is prefabricated. Stitched together, the many layers form a blanket of uniform thickness from end to end. Thus, KIMSUL gives you the same uniform insulation over every inch . . . today, and years from now.

Anyone who can handle a hammer can install KIMSUL. Do it now-and you'll have a cooler home in the summer and a warmer home in the winter. KIMSUL contains no harsh ingredients to irritate the skin. It is clean, pleasant to handle. Its light weight and exclusive compression feature save you many trips up and down stairs.

So order KIMSUL from your lumber or building supply dealer, hardware or department store-do it now.

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Please rush FREE BOOK easy-to-install KIMSUL.	KLET with full information about				
□ We now live in our own home	☐ We plan to build a postwar home				
Name					
Address					
City	State				

place it on a sheet of paper, cardboard, or thin plywood so that the relationship between block and supporting surface is about the same as that between your house and your lot. Then, using bits of sponge, pebbles, crumpled paper, and little evergreen twigs, all of which represent plant masses and are of proper size to compose nicely with the house mass, set out to create your your own composition of pleasing forms. The chances are that you will instinctively produce a composition which, though it may have shortcomings from the standpoint of art, will nevertheless be free and open, and which will have been as much influenced by the paper or board surface (that is, the lot), as by the larger block of wood (that is, the house). You have, you see, unconsciously considered the problem from the standpoint of what designers would call mass and volume interrelation. You have created not a flat, vertical section in which house and plants are in the same plane, but a three-dimensional composition which, if transferred into actual terms of house, plant material, and lot, would also be successful. It would be more interesting and attractive in itself, and it would also create much greater variation of interest for an observer moving along the street than is possible with a flat, one-plane arrangement.

Here, then, is a readily understood, intelligible, and practical method for leciding upon the basic features of the arrangement of a front yard planting. (The finer details of the particular plant materials to use, their size and color, etc., can, of course, be worked out later.) It enables you to develop your own, custom-made composition for your own house and lot, rather than depend on the stereotyped, obsolete rules of base- and corner-hiding.

In colonial times, gardeners often placed lilacs, roses, lilies, smoke bushes, and other old-fashioned plants so they would express this spatial relationship. Later, that sort of viewpoint gradually gave way to the "picture frame" type of planting, which forgets about the size and depth of the lot. But now it is being brought back by the modern planner and designer who again thinks in terms of living people moving about in space, and of objects related to one another in space.

So, the next time you have a planting arrangement to work on, get together your simplified toy model materials and shift the objects around on the area that represents the space to be planted until you find your solution. Test it in various ways . . .

Check your model layout to decide whether a single plant or several will be most effective in a certain place.

Check it to decide whether a clump, if needed, should include a variety of forms-pointed, round, erect, spreading, etc.-or whether all its elements should not rather go toward the production of one basic form.

Check still again to see if the lot itself does not demand that your planting take on depth and spatial quality in order to be well done.



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minerals essential to health and growth. Too—Milk-Bone's fun to eat! Crunches and chews like a real bone. Exercises teeth and gums...helps

Exercises teeth and gums...helps keep them clean.
Start to feed your dog Milk-Bone today! It's made especially for dogs!
Sold at your dealer's.

Milk-Bone contains nutrients your dog needs: Vita. mins A, B $_1$, B $_2$, D and E . . . Meat Meal . . . Fish Liver Oil . . . Whole Wheat Flour . . . Minerals . . . Milk.

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WILL YOUR POST-WAR HOME WILL YOUR POST-WAR HOME SOMEDAY CATCH YOU IN A TRAP,>

. here's one way to prevent it!





If the new home you build or buy should someday turn out to cost too much to heat-you may find yourself trapped when you try to sell or rent it.

To safeguard yourself against that possibility, it's smart to make sure you get an adequate chimney. That simply means a chimney with a flue big enough to handle, efficiently, not only the expensive fuels but also Bituminous Coal-which is the most economical of all.

Then, when other fuels become scarce or go still higher in priceyou'll be free to switch to Bituminous

Coal. The extra cost of providing such a chimney flue is only about \$16 for the average 7-room house!

And consider this: Bituminous Coal is not only the lowest-cost fuel-but, when burned in a modern stoker, it is also an "automatic" fuel - clean, odorless, smokeless.

Better than 4 out of every 7 homes in the United States heat with coal. Even if you don't plan to use it nowmake sure you will be able to switch to coal any time you wish in the future. Talk it over with your architect or builder!



AN ADEQUATE CHIMNEY -one with a flue efficient for burning Bituminous Coal-is also efficient for any other fuel you might choose. And, when you consider that today's costly fuels may be even more so in the future, you see why it's so sensible to provide for being able to burn Bituminous Coal, which will always be plentiful and economical because America has a 3,000-year supply!



 For years lawn authorities have recommended early fall feeding and sowing.

Cool weather is ideal for the growth of grass, and the more uniform moisture conditions in fall assure better germination of lawn seed. And in fall most weeds are through germinating for the year. This means the new grass can become firmly established before it is required to compete with weeds for food, moisture and light.

So whether you build a new

enriches soil!

lawn or work on your established

And don't forget the importance of proper feeding. Give your grass the balanced nourishment Vigoro provides.
Vigoro, the complete plant food,

helps grass come up rich-look-ing, thick . . . and beautiful. Make the most of fall's ideal growing conditions by feeding Vigoro now. You'll have a lovelier lawn-a more beautiful setting for your home.

lawn . . . do it now. Now while conditions are perfect.

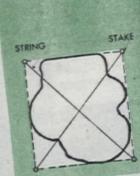
Here's how VIGORO

A PRODUCT OF SWIFT & COMPANY

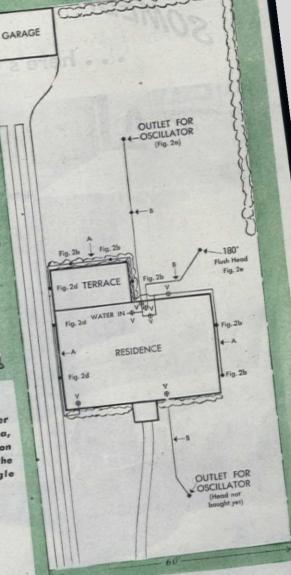
\$6000 Homemade

Jules A. Demonet

Plan of our 60' x 100' lot and its sprinkling system. V-valves; Ashallow pipe lines; B subsoil lines (see text)



To center a sprinkler head in irregular area, locate the intersection of the diagonals of the completed rectangle



Sketches by the author

WITH summer at its hottest and, perhaps, its driest; with little spare time for watering the garden and lawns; with the prewar hose approaching the worn and leaky stage-no wonder you long for an underground sprinkling system, free from such familiar disadvantages as heavy, dribbling hose to haul about, soiled shoes and clothes, and skimped, uneven, and sometimes wasteful watering. Well, then, why don't you install such a system, as I did for a neighbor who, knowing of my practical engineering experience, asked me to help him solve his problem? You can do it. And probably for as Lttle as \$60.00 which, in our case, was about one tenth of an estimate submitted for a commercial system that was to be put in "when and if" circumstances permitted.

My neighbor's lot measured 60' x

100', with an additional 12' of grass parkway between the sidewalk and the curb, as shown in Fig. 1, above. Here are the easy steps for you to follow if you decide to put in such a sprinkling system on your own place:

1. Make a careful scale map of your property and, using the method shown in Fig. 2, indicate in the center of each 40' x 50' area the location for an oscillating sprinkler head. (Fig. 3a). Since this is the most expensive single item in the system, you need buy only one of these heads (as we did). It can be moved back and forth from front to rear lawn outlet as needed. Cover other pipe to exclude dirt.

2. For each outlying, irregularly shaped area, buy a fixed head (nozzle) of suitable type (Fig. 3). Supplies of these parts, limited during the war, will be ample later on as production and sale are resumed.

THE AMERICAN HOME. SEPTEMBER, 1945

Sprinkling System

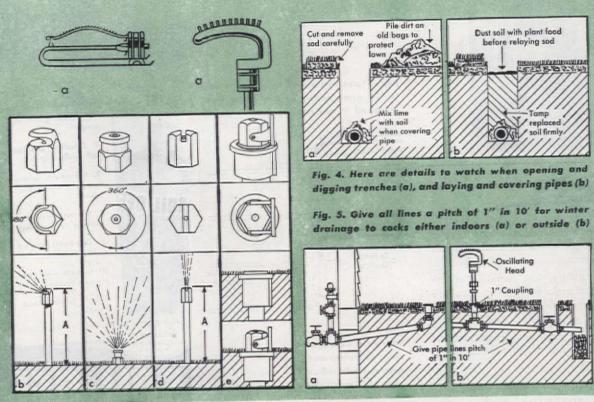


Fig. 3. Sprinkler heads: a, oscillating types; b and c types cover arcs of from 45 to 360°; d, for narrow beds; e, out-of-sight when not in operation. Height A sprays over shrubs

Bill of Materials Used in Installing Our System

Materials, Tools	Quantity Used	Supplied by Plumber?	If not owned, Buy or Borrow	Cost Us	Remarks
Pipe—1" (Secondhand) Pipe—3/4" (Secondhand) Valves—1" (Secondhand) Sprinkler heads—180° (New) Sprinkler head—360° sunken (New) Fittings—1" elbows (Secondhand) 3/4" elbows " 1" fees " 3/4" tees " 1" nipples "	170' 60' 5 8 1 12 6 12 6 12	Maybe Maybe No No No Maybe Maybe Maybe Maybe Maybe Maybe	Buy	\$8.50 3.00 5.00 6.00 1.50 1.80 .60 3.50 .90 1.20	See Fig. 1 See Fig. 7 See Fig. 3b See Fig. 3e See Fig. 7
3/4" nipples " " 1" couplings " " 3/4" couplings " " Pipe wrenches Pipe cutter Pipe threader—1" and 3/4" dies	3 18 6 2 1 1	Maybe Maybe Yes—or Yes—or Yes—or Yes—or	Buy Borrow Borrow Borrow	2.40	See Fig. 5
Pipe joint lead Thick white lead paint Sod cutter Spade Lawn fertilizer Slaked lime Lawn roller Mason's hammer Star drill—1" Old gunny sacks Oscillating sprinkler head	1 qf. 1 1 10 lbs. 10 lbs. 1 1 30-40	Maybe—or No No No No No No Mo Maybe—or Mo No No	Buy or borrow Buy or borrow Buy Buy Buy Borrow Borrow Borrow Borrow Buy or borrow Buy	3.00 15.00	See Fig. 6 See Fig. 4 See Fig. 4 See Fig. 4 See Fig. 4 To drill holes in basement wall To protect lawn Various types; ours was the Waterwave
Plumber's labor and materials	1 day	Yes		30.00	



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- *SUGAR PINE

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Each stage of opening discloses new beauty of color range until the stately, long-lasting, fully-open blooms—with their high-pointed golden centers surrounded by firmly-held petals of alabaster-tinged apple-blossom pink captivate you with their ethereal loveliness. Long, sturdy stems; strong plants with holly-like foliage. \$2.50 each; 3 for \$6.25 POSTPAID—GUARANTEED TO BLOOM as are all STAR ROSES. Send TODAY for the FREE STAR ROSE CATALOG showing PEACE in full color.

THE CONARD-PYLE CO., Robert Pyle, Pres., West Grove 258, Pa.

PEACE IS FOR SALE BY LEADING ROSE DEALERS



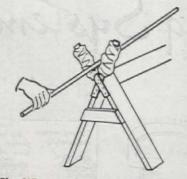
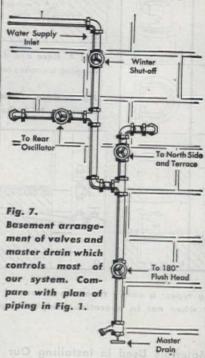


Fig. 6. To retard corrosion, rub pipe between arms nailed to saw horse and wrapped in old rags soaked in paint



3. On the scale plan, draw lines connecting all the sprinkler heads with basement outlets (Figs. 1, 7). Estimate the total length of these lines and secure that amount of 1" galvanized iron pipe and necessary fittings. We used priority-free, second-hand pipe bought in odd lengths at a junk yard. I also bought five valves and a dozen each of elbows, nipples and couplings for making connections.

4. Stake out pipe lines according to the plan and dig trenches about one spade wide; make them subsoil deep (1') for the "B" lines (Fig. 1), and topsoil deep (just below the sod) for the "A" lines. In the lawn, cut and lift the sod carefully in 2' lengths and lay it on old burlap to protect the grass. Pitch all pipe lines 1" in 10' toward or away from house as may be most convenient (Fig. 5), and provide cocks for winter draining at the lowest point of each line.

5. Unless you have had some experience in pipe-fitting, you had better have a plumber do the actual installation. (Ours did the job in one day for \$20.00, plus about \$10.00 for fittings I had not provided.) Cold water pipes do not corrode rapidly internally, so we were not concerned about that. But to protect the buried pipe against outside corrosion, we coated it with thick lead paint. The method shown in Fig. 6 is simple and efficient. Nail arms to a saw horse,







WEATHER-WEIGHT CHAMP





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ant Heati

The B&G Triple Duty System provides Radiant Heating with all these features

- · All-over warmth as soothing as the sun's
- · No hot or cold spots
- Warm floors
- · Cleaner, refreshing air
- Rooms free of all heating equipment
- · Year 'round hot water for all household uses
- Cleaner walls and ceilings
- · Lower fuel cost



Just picture your home with no visible means of heating in any room! Not a radiator, not a grille to hamper room arrangement or decorative plans.

Imagine, too, your home bathed in mellow, sun-like warmth . . . warmth unlike anything you've ever experienced before. No hot spots! No cold spots! No drafts! Floors always warm-the air clean, fresh and invigorating.

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In this completely concealed heating system, warm water is circulated through pipe coils in the floor or ceiling. The entire area thus becomes a radiant surface, sending forth a constant flow of warmth which blankets your home in comfort. And finally, Radiant Heating with B&G Triple Duty equipment costs less to operate.

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Twenty-four hours a day—all year'round—a B & G Triple Duty System provides a boundless supply of hot water for kitchen, laundry and bath . . . at so low a cost you'll be amazed .

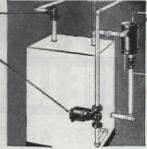
B&G EQUIPMENT FOR RADIANT HEATING CAN BE INSTALLED ON ANY HOT WATER BOILER

B&G FLO-CONTROL VALVE

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Homes with hot water heated radiators or convectors can greatly improve comfort con-ditions and save fuel by con-verting to B & G Triple Duty heating. Ask your heating con-tractor.



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City.....State.....

wrap them in old burlap or rags, soak rags in lead paint, and draw the pipe back and forth between them, while twisting and wiggling it. We had found some old, discarded paint, too thick for ordinary use, that was just the thing. In acid soil, to further protect the pipe, you can mix slaked lime with the dirt when covering it, (Fig. 4a). Make sure that the pitch is correct before starting to fill trench.

6. Firm soil in trench, rake the surface level (after adding a little plant food), replace sod, tamp well, and water thoroughly (Fig. 4b).

When we tested our system, it worked perfectly, although the local water pressure was not sufficient to permit the whole thing to be operated at once. However, that would rarely be necessary or even desirable. From these notes, sketches, and bill of materials, all based on our experience, you can see what a simple thing the installation of a system is.

IF YOUR Wisteria WON'T BLOOM

Jules A. Demonet

SHYNESS may be all right in its place, but a wisteria that refuses to flower-whether through bashfulness or for some other reason -is a real disappointment. And there are many like that. Nursery catalogues and advertisements often admit as much by emphasizing such phrases as, "Selected blooming stock," or "Blossoming wood grafted on hardy roots." Garden authorities usually are vague as to the reason for a nonblooming habit, and rarely offer more than two stock suggestions as to how to correct it, without giving any assurance that either is a certain cure. One of these recommendations is root-pruning in the spring. This consists of thrusting a sharp-edged spade its full length into the ground along an arc drawn 18" to 2' away from the base of the vine. This severing of part of the root system (not more than half in any one operation) sometimes shocks the plant into developing flower buds. The reason is that, since one of the two main functions of a plant is to reproduce itself, any injury or apparent threat to its life may induce it to blossom as the first step toward seed production.

The other recommended treatment is to remove part of the foliage in late August. Indeed, many horticulturists advocate letting a wisteria develop only one main stem, or at most two, and pinching back all side growths





30 GOLDEN DAFFODILS \$1.50

6 MERTENSIA VIRGINICA \$100

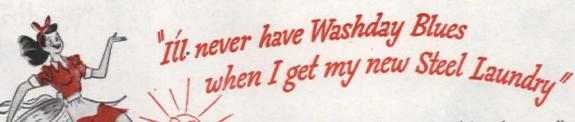
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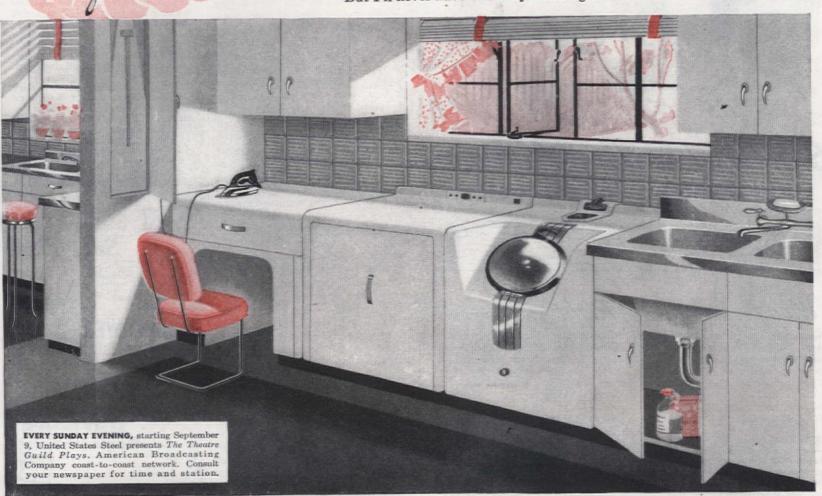


"Just picture me in my spick-and-span all-steel laundry . . . and you'll be looking at a light-hearted woman!

"Everything will be arranged just right to make my laundry work quick and easy and pleasant.

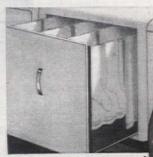
"Maybe I won't actually welcome washday . . . what woman does?

"But I'll never have Washday Blues again!"





STEEL ... the ideal material for modern, streamlined laundry design that saves steps, saves time and saves work. STAINLESS STEEL...the ideal steel for ever-bright, non-rusting work surfaces and tubs.



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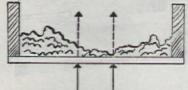
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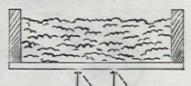


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each season when they have attained a length of two feet or so. While this sort of rigorous pruning may be warranted if maximum flower production is the sole objective, it cuts down the opportunity to enjoy the traditional luxuriance and grace of this plant; and the pleasure of owning a wisteria is certainly lessened if one has to mount a ladder and pinch back new leaders every few weeks throughout the growing season. Of course, if you are the fortunate owner of a huge, vigorous vine that clambers all over the place and bursts into a mass of fragrant lavender clusters every year, you don't have to worry; you're to be envied. But if you have been having wisteria trouble, here is good news.

A wisteria vine observed by the writer had been allowed to develop, not two, but nine stems. Examined in April after having made good growth for three years, it showed not a single flower bud. Whereupon an experiment was tried which proved so successful that it has since been practiced, with equal success, on a number of other plants. It consists simply of root-pruning at the customary time (in late April or May) with this addition, that the spade handle is pushed back and forth so that the blade opens up a narrow V-shaped trench. Into this is sprinkled a hormone powder of the kind sold for stimulating the root growth of cuttings or promoting the growth of transplanted plants, just enough to lightly dust the walls of the slit which is then filled with good soil. Within a few weeks treated plants are usually found to be forming flower buds which bloom, of course, the following year. Certainly the method is simple enough to recommend it to wisteria owners who have been disappointed in their veins.

Note: Although the usefulness of various plant hormone preparations in connection with the rooting of cuttings, the lessening of the shock of transplanting, the prevention of the premature fall of apples, and the stimulation of the formation of tomatoes and other fruits without the benefit of pollination has been much discussed and is generally recognized, Mr. Demonet's report is the first we have seen of this blossom-stimulating effect. Consulting one of the leading authorities in the plant hormone field, we learned that, so far as he knows, no formal experiments have been carried on in this particular direction. However, he cited instances in which dogwood trees were induced to flower by root pruning followed by a soaking of the soil around them with a solution of one ounce of the material Transplantone in ten gallons of water. In other cases, elm and pin oak trees, apparently dead six months after having been moved in the fall, came into leaf in May, two weeks after having been watered with a similar solution. Both results seem to lend weight to Mr. Demonet's wisteria recommendation.

-HORTICULTURAL EDITOR.



Grownups may be polite and say nothing but trust a child to speak out and tell the truth. That little boy is right too! There's no excuse for offensive, stained toilet bowls. Especially when it is so easy to keep them sparkling white and clean with Sani-Flush.

No messy scrubbing is necessary with Sani-Flush. Use it twice a week at least to remove discolorations and the ever forming film where germs lurk. Unlike ordinary cleansers, Sani-Flush is chemical in its action. It disinfects, cleans hard to reach surfaces, even cleans the hidden trap. Safe for septic tanks - all toilet connections. (See directions on can.) Sold everywhere, two convenient sizes. The Hygienic

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in rock gardens, borders, and shady locations.
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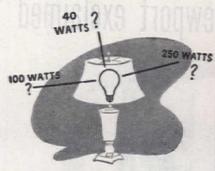
A thing of beauty now he hails . .



Nab That Light Robber!

VIA THIS QUIZ, A BRUSH-UP LESSON ON HOME LIGHTING.

-WHAT'S YOUR SCORE?



1. Minimum watts in a table lamp used for close eye work should be:

a. 100 watts 40 watts

c. 250 watts

FALL means schooldays and evening lessons, shorter hours of daylight and longer hours of dark. It means family gatherings around the "lamplight" -but in your home does it mean increased eyestrain because of inadequate or wasteful lighting?

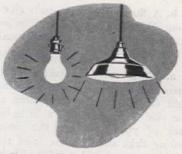
To test your knowledge of some offending light robbers we suggest you try your hand at this quiz, prepared by Myrtle Fahsbender, Director of Home Lighting for Westinghouse. Give yourself a rating: 10 points for each cor-

rect answer. And, don't look now, but the answers are on the following page. If your score is 100, and you put your knowledge into practice, take a bow. A score of 90 is excellent, 80—good, 70—passing, and 60 or less—sorry you'd better take those robbers more seriously if you wish to relieve the strain on your eyes as well as on your purse. We'd advise you to read the answers again and lose no time in correcting any deficiencies in your home lighting. The results will be worth the time and thought expended.



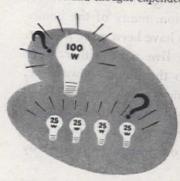
As a general rule, a book should se held at a distance from the eyes of:

- . 10 inches
- 14 inches
- 18 inches



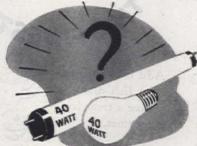
3. There will be more light from:

- a. A 150-watt bare incandescent lamp bulb on a drop cord
- b. A 100-watt incandescent lamp bulb in a reflector



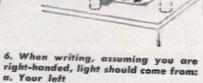
4. Which gives more light—a 100-watt lamp bulb or four 25-watt bulbs? a. Four 25-watt bulbs

- b. One 100-watt bulb
- c. Both give the same amount of light



A fluorescent bulb as compared with incandescent bulb of same wattage

- The same amount of light
- About 21/2 times more light About 1/2 as much light





c. Directly in front of you

9. As a general rule, which of the following tasks is harder on the eyes?

b. Your right



7. A lamp shade is not "stingy" with its light if it has:

- a. Straight sides (Drum shape)
- b. Flared sides (Empire shape)
- Oval in shape



70. Place mirror on page. If you can see light bulbs in mirror you have: a. Adequate light

- b. Lamp correctly placed
 c. Glare reflected from page in eyes



Colored lamp bulbs Fluorescent lamp bulbs Inside frosted lamp bulbs with small

In a candle-type (or shower-type)

ning-room fixture use:

NEW YORK 16 - CHICAGO 54 - SAN FRANCISCO 19 Makers, also, of Pabco "Stainless Sheen" Surface Rugs and By-The-Yard Goods, Pabco Mastipa Heavy-Duty Flooring; Pabco Paints, Roofings ar Building Materials.

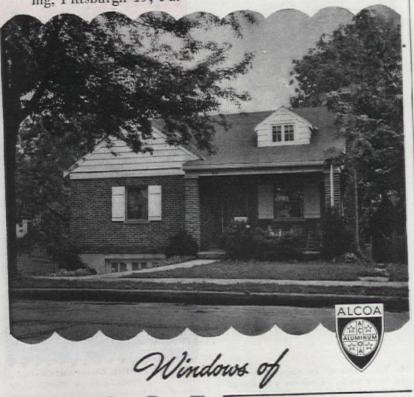
A housewife in Newport exclaimed



look of quality that's easily mistaken for "expensive". Yet, disproving this impression, many of the homes these windows have gone into have been quite modest.

They're not expensive to live with, either. Five years after they moved into the home shown here, the owners said, "Aluminum windows cost nothing to maintain". Which is easily understood, because they need no paint to preserve them. There's no rusting, rotting, swelling or warping to destroy their usefulness.

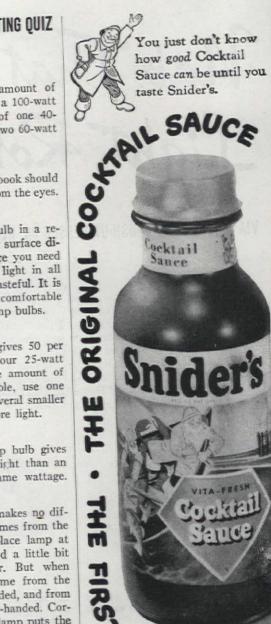
Though Alcoa does not make them, windows of Alcoa Aluminum will be available from a number of manufacturers just as soon as the war permits. ALUMINUM COMPANY OF AMERICA, 1906 Gulf Building, Pittsburgh 19, Pa.



ALCO A ALUMINUA

ANSWERS TO THE LIGHTING QUIZ on Page 71

- 1. a. Eyes vary in the amount of light they need. However, a 100-watt bulb (or a combination of one 40-watt and one 60-watt, or two 60-watt bulbs) is a safe minimum.
- 2. b. As a general rule, a book should be held about 14 inches from the eyes.
- 3. b. A 100-watt lamp bulb in a reflector with a white inner surface directs the light down where you need it. A bare bulb scatters light in all directions. This can be wasteful. It is also very glaring and uncomfortable to the eyes. Shade all lamp bulbs.
- 4. b. A 100-watt bulb gives 50 per cent more light than four 25-watt bulbs and uses the same amount of electricity. Where possible, use one larger bulb instead of several smaller ones in order to get more light.
- 5. b. A fluorescent lamp bulb gives about $2\frac{1}{2}$ times more light than an incandescent bulb of same wattage.
- 6. a. When reading it makes no difference whether light comes from the right or left. Simply place lamp at one side of a chair, and a little bit back of your shoulder. But when writing light should come from the left if you are right-handed, and from the right if you are left-handed. Correct placement of the lamp puts the shadows of the hand in back of the pen point rather than directly on the writing surface.
- 7. b. Choose a flared, or Empire style shade whenever possible. It gives the widest spread of light. Conversely, a drum-shaped shade "hugs" the light around the base of the lamp. It is less generous with light.
- 8. e. Use 40-watt inside frosted lamp bulbs with small shades to reduce glare and direct the light downward on the table. Colored bulbs absorb as much as .35 per cent of the light. Shades make a fixture more attractive from a decorative viewpoint.
- 9. c. Sewing is usually the most difficult eye task, especially when it requires the use of dark thread on dark material over a long period of time. Provide adequate light of good quality (no glare or annoying shadows) where you sew or do close work.
- 10. c. Adjust the lamp and chair so you cannot see the bulbs or reflector in the mirror. Then you will have directed the reflected glare away from your eyes instead of into them. Glare leads to eyestrain.



Add it to the simplest fish dish—and you've a treat for a gourmet.



All the zest and tang of ripe red tomatoes
...crisp celery...
tender cabbage...zip
horseradish...and
spices...blended
according to a secret
Snider recipe.

This is the original Cockta Sauce... and no one's ever matched that special Snider flavor. Try it.

spider cocktail saud

celery seed mustard seed whole cloves (tied in muslin bag)

2 cups vinegar
2 cups high-grade molasses
2 tsp. celery seed
2 tsp. mustard seed

1 gal. peeled green tomatoes, chopped 4 cup salt 2 medium onions 1/2 medium-sized head cabbage 4 large green peppers 2 large sweet red peppers

M Ix tomatoes with

MIX tomatoes with salt and let stand overnight. Drain. Put onions, cabbage, and green and red peppers through a food chopper using the coarse knife. Place tomatoes and chopped vegetables in a large kettle. Add vinegar, molasses, celery seed, mustard and cloves. Cook until mixture is tender and quite thick, about 35 minutes. Remove cloves. Pour at once into hot, sterilized jars and seal.

Tested in THE AMERICAN HOME KITCHEN

8 lbs. tart cooking apples 2 cups hot water 2½ cups high-grade molasses 1 cup vinegar

tsp. salt tsp. cinnamon tsp. ground cloves tsp. ground allspice

Wash and slice apples without paring. Put in a large kettle, add hot water and cook until very soft. Remove from fire and press through a coarse sieve. Place applesance in a large kettle; add remaining ingredients and cook for 1 hour or until thick. Fack at once in hot, sterilized jars and seal.

Makes 4 pint jars

Tested in The American Home Litchen

Makes 3 pint jars

Whole spices give pickles a better flavor but make the products a dark color. . . .

Avoid dark color by tying whole spices in a clean, thin, white cloth large enough to allow juices to circulate through spices. before Remove bag putting in jars.

For pickling leftover cooked vegetables use either plain or spiced boiling vinegar.

Home Storage of Your Food Crops #165—Tells what crops can be stored, gives basic rules for storing them, and the modern methods of storage, plus helpful construction data

Order by number and send remittance to:

The American Home, 55 Fifth Ave., New York 3, N. Y.

Tough and shriveled pickles are often caused by too strong vinegar, too much sugar, or too much salt. ...

Very weak brine and strong vinegar are apt to make pickles soft and unfit for use. . . .

Pickles must be com pletely covered brine or they with mold or become slip

You'd never guess to look at Tim The trouble Mother had with him -For every time milk came his way He'd kick and cry and sulk all day! But see him now - a happy lad Since Mother found that she could add Chocolate-flavored BOSCO - whee! For now Tim drinks his milk with glee!

RICH IN IRON AND VITAMIN D, TOO! Treat-making Bosco is more than a chocolate-flavored syrup. Just four teaspoons in the "daily quart" supply both the Iron and Vitamin D a normal child must get

every day. Because Bosco is a syrup, it blends in smooth with milk. Quick and easy to mix. Economical, too. Get Bosco! Youngsters love it.



Every jar of Bosco made today measures up to high pre-war quality. That is why the supply is temporarily limited—why it pays to ask for Bosco again and again,

Relishes For the Coming Winter

Soon the nights will be getting sharper and those green and ripe tomatoes clinging to the aging vines will be ready to become exclamation points for your Thanksgiving and Christmas tables and for many fine dinners in between and afterwards. There are cucumbers, too, and sweet corn which to all intents and purposes is ready this minute to be put into jars. Young apples, the first of the fall crop, will make delicious apple butter for the family bread next winter and help save precious butter.

But perhaps you are thinking, "They all require sugar and there's simply not enough to go around during wartime."

Here we can profit by turning back the calendar to the days of our grandmothers. Those were sweet days-sweet with molasses! We who have bewailed the fact that we were born too late can repair that damage at least in the relishes and pickles we are about to put up. Fortunately molasses is plentiful. Therefore,

sweetened successfully with high-grade molasses.

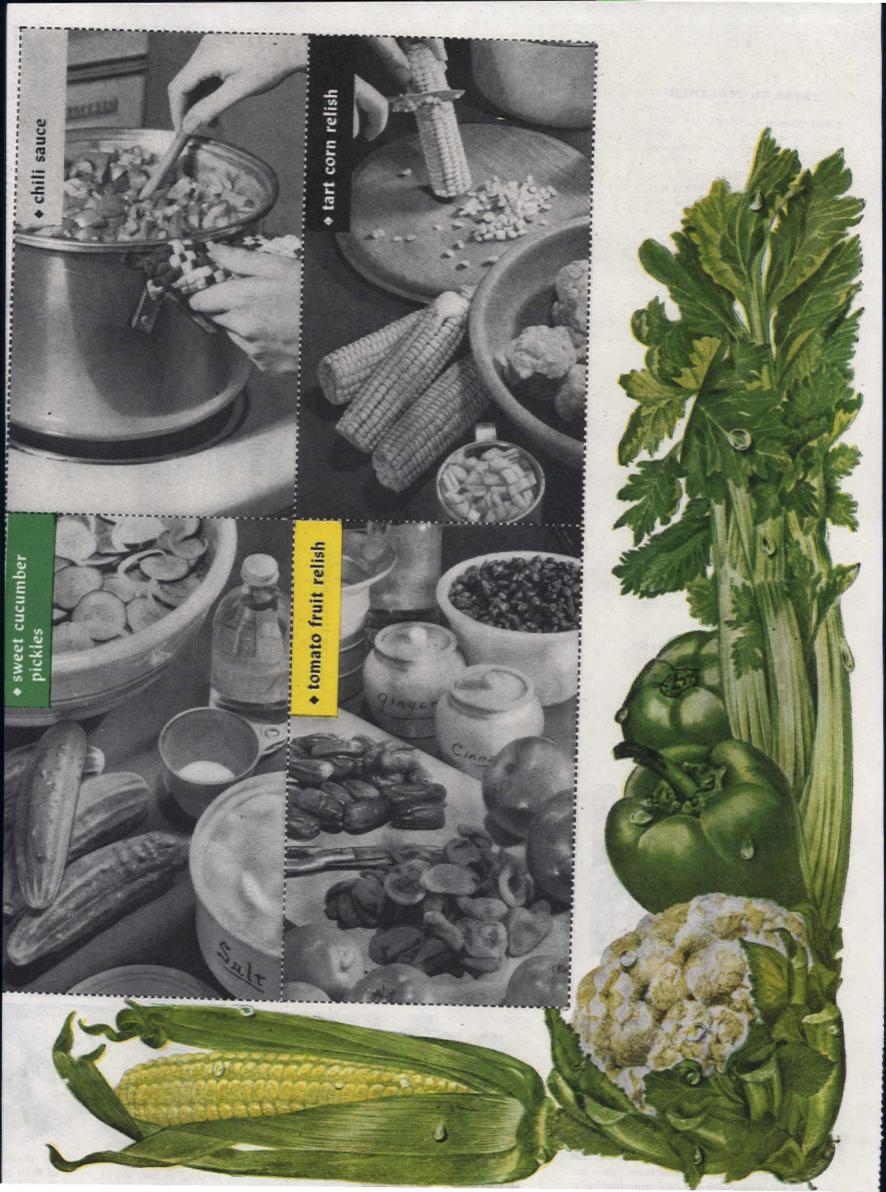
green tomato relisi

Molasses has a high flavor, a tang which is often tantalizing and full of connotations. The color of these relishes made with molasses is darker than those made with sugar but, unless you object strenuously to the flavor of molasses, you will like these new, sugar-saving relishes.

Side accompaniments to meals can help to make or mar a dinner. With desserts on the minus side, sweet relishes lift a meal above the average and satisfy the natural craving for sweets before the end of the meal and so either obviate desire for dessert altogether or make a limited and light sweet dessert seem less stinted. Fruit butters are not only used as a spread for bread but also as a part of the dessert.

In making these relishes it is important to use only high-grade molasses and vinegar. A good, clear standard vinegar, which has no sediment and with four to six per-cent acetic acid is best. Our grandmothers used a milder vinegar and if you use one of her famous recipes,





Chili Sauce-Piquant and spicy Serve as a relish or add to salad dressing, and to barbecue and cocktail sauce. You will like it with meat loaf, broiled liver, grilled frankfurters, broiled or baked fish, scrambled eggs, codfish cakes, hash, baked beans and also in deviled eggs.

Tomato Fruit Relish—Sweet and slightly tart. The sweetness of dates, dried apricots, and raisins is counterbalanced by tart apples, tomatoes, and vinegar. It is nice to serve with roast turkey, goose, chicken, pheasant or duck, veal birds and cutlets, roast pork or pork chops.

Green Tomato Relish—A combination of chopped green tomatoes, cabbage, onions, peppers, molasses and vinegar. The green tomatoes give it a tart and individual taste. Serve with the following: Cold cuts, hamburgers, pork sausage, corned beef, cheese souffle or curried dishes.

Sweet Cucumber Pickles-Thin, crisp cucumber slices in a sweet-sour liquor. A delicious pickle to serve with roast beef, lamb or veal, fried oysters, baked beans or ham.

Tart Corn Relish—Sweet corn, cauliflower, celery and peppers in a well-seasoned and very tart liquor. Serve with boiled beef, tongue, mutton, or baked spareribs.

Apple Butter-Dark and richly spiced. Serve with roast pork or ham, on hot waffles spread with cream cheese, as a filling for gingerbread.



Fresh, firm, and perfect fruit and vegetables are the primary requisites for making top-notch pickles and delectable relishes



kettles of aluminum, stainless nel ware. Avoid arandmother's

• tart corn relish Preparation time: 21/2 hrs.

Preparation time: I hour

sweet red peppers, chopped

qt. vinegar tbs. salt tbs. dry mustard tbs. celery salt

ears (7 cups) sweet corn small head cauliflower or cup celery, chopped green peppers, chopped cabbage, chopped

1 qt. peeled, chopped ripe tomatoes 1 qt. high-grade molasses 1 tsp. salt 1½ tbs. ground ginger 2 tsp. cinnamon

1 lb. dried apricots
3 lbs. tart apples, peeled and sliced
1 lb. pitted dates, chopped
1 qt. vinegar
1 lb. seeded raisins

+ tomato fruit relish

Cook the ears of corn for 2-3 minutes in boiling water. Cut kernels from ears and mix with the cauliflower, celery, green pepper and red pepper in a kettle. Add the vinegar, salt, mustard and celery salt and cook until the vegetables are tender, about 20 minutes. Pack at once in hot, sterilized jars and seal.

Makes 6 pint jars

Tested in The American Home Kitchen

Makes 6 pint jars

Make several jars of catsup from

chili sauce by beating the mixture with an

apricots, apples, and dates in vinegar about 45 minutes or until tender. Add raisins. tomatoes, molasses, salt, ginger and cinnamon and simmer until thick, about 45 minutes. Pour at once into hot, sterilized jars and seal.

Tested in The American Home Kitchen

chili sauce

time: 134 hrs.

Preparation

cups minced green peppers very small pods of hot red cups minced onions

OF

Makes 3 pint jars

Tested in The American Home Kitchen

Preparation time: I h (stands overnight)

sweet cucumber pickles

peppers peeled and quartered ripe

1 cup high-grade molasses
1 tsp. ground cloves
1 tsp. ground allspice
1/4 cup salt
1 tsp. black pepper

LACE all ingredients in a large kettle and cook briskly for about 1 hour thick. Stir constantly. Pour at once into hot, sterilized jars and seal. thick.

with salt and let stand overnight. Bring the 4 cups vinegar and the molasses to a boil. Mix tumeric, mustard, cornstarch and the ¼ cup vinegar to a smooth paste and add to the vinegar and molasses, stirring constantly. Drain cucumbers and onions and add to the vinegar mixture. Bring to a boil. Pack at once into bot,

sterilized jars and seal

All pickles and relishes should

packed in hot, sterile jars and then se

Makes 6 pint jars

WASH, peel, and slice cucumbers into a large bowl or crock. Add onions, cover

cups vinegar cups high-grade molasses

12 large tender cucumbers

medium onions, sliced

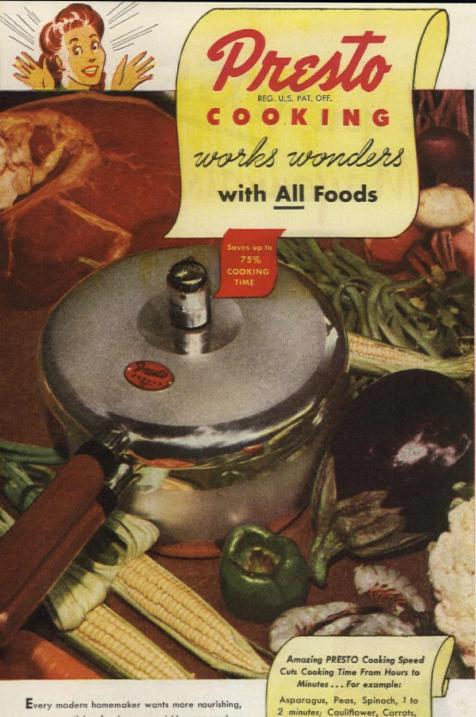
2 cup salt

tbs. tumeric tbs. dry mustard tbs. cornstarch corp vinegar

Tested in The American Home Kitchen

Shrimp in a salad you 1055" extra tasty with Real Mayonnaise





Every modern homemaker wants more nourishing, more appetizing foods, more quickly prepared for her family. You get all of this when you use a PRESTO COOKER . . . the most remarkable cooking utensil ever invented.

PRESTO Cooked vegetables retain more of their natural vitamin and mineral content, garden-fresh colors and food flavors. Meats, poultry and game are ready to serve, deliciously tender, in a surprisingly short time. Soups and desserts excite the most listless appetites, creating an irresistible desire for complete meals.

PRESTO COOKERS are beautiful in design; cast of special, easy-to-clean SIMALLOY ... The exclusive HOMEC Seal and the clever indicator weight are two of many reasons why the PRESTO COOKER, "YOUR BEST KITCHEN HELPER," is so easy to use.

FREE Booklet! Write PRESTO, Dept. P97, Eau Claire, Wis.



To get your Presto COOKER Sooner, See Your Dealer NOW

String Beans, 2 to 3 minutes;

Beef Pot Roast, (4-Pound) 35

minutes; Fried Chicken, 10 to 15 minutes: Tomato Soup, Onion

Soup, 1 minute; Cereals, 3 min-

utes; Apple Betty, 15 minutes.

PRESTO COOKERS are sold wherever quality house-wares are available. Regular shipments of these wonder-working utensils are now being made. However, the tre-mendous demand for them exceeds the immediate supply. All requests are filled by dealers in the order in which they are received. So, see your dealer now, to get your Presto Cooker with the least possible delay.



Presto Cookers are made by the World's Largest Manufacturers of Pressur Cooking and Canning Utensils

NATIONAL PRESSURE COOKER COMPANY, EAU CLAIRE, WIS. (Canadian Factory, Wallaceburg, Ont.)

National PRESSURE COOKERS



Ideas for You!

A BRAND new set of festive frills, contributed by our originalthinking readers, and heartily endorsed by us! Jot them down for future reference, or begin on them now.

You'll find the delightfully gay centerpiece place card novelty, shown below, as simple to make as it is charming. Just arrange individual boutonnieres of tiny flowers in a center bowl. Tie each with ribbon streamers extending to place cards that have been hand-painted. Make card holders from tablespoonfuls of stiff plaster "dough" dropped on wax paper. Press cards the size of your water-colored ones into place as the mixture begins to harden. When dry, remove cards, leaving slits to display cards. Gilt paint turns the lumps into golden nuggets. "Baby's Tree"-a really clever baby shower centerpieceand one that mother can later use in baby's nursery. Into a 2" by 2" post 32" long bore 10 peg holes on a slant,



Idea from Lulu M. Stalker Glass bowl courtesy of Sweden House









In waxed paper now she wraps up chicken, warms it in the oven, Now those meals are flavorsome and Bill again is lovin'.

Wax and paper do many vital war jobs, That's why waxed paper may not always be available...so keep it on your shopping list. Please buy only what you need and use it sparingly.

MOORE & MUNGER

PARAFFIN WAX FOR OVER 50 YEARS

Suppliers to the Makers of Your Favorite Waxed Paper Products



SEE NORGE

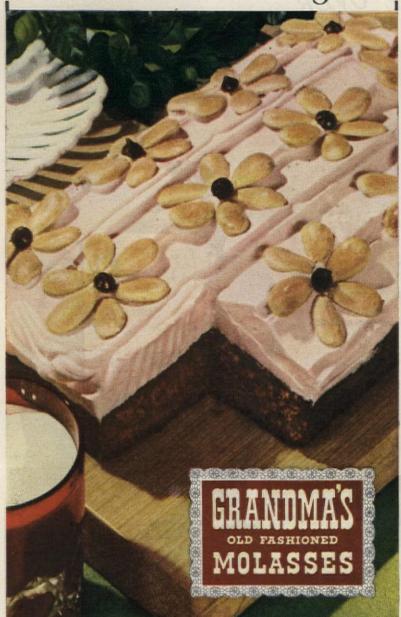
If yours is one of the millions of households planning the purchase of one or more major home appliances, when they are available, we earnestly advise: See Norge before you buy! Some Norge products are available now, in limited quantities, but the complete line of ROLLATOR refrigerators, electric ranges, Ro-ta-tor washers, gas ranges and home heaters must wait until such time as the Norge precision-produced war items are no longer needed. When that time comes—when your waiting days are over—look to Norge for appliances that reflect new and higher standards of convenience and efficiency . . . appliances that are, in truth, better products for a better world.

BEFORE YOU BUY

IN THE MEANTIME BUY MORE WAR BONDS AND KEEP THEM



Just 4 cup sugar makes this divine cake and frosting!





What a stunning cake! And just think—a quarter cup of sugar makes the whole thing! A wonderful treat when sugar's scarce—and so delicious, you'll be making it even when there's plenty of sugar again.

GRANDMA'S MOLASSES DAISY CAKE

2/3 cup shortening 1/4 cup sugar 3/4 cup Grandma's Molasses

11/4 tsps. baking powder ½ tsp. baking soda 2 eggs ½ cup milk 2 cups sifted all-purpose flour 2 eggs

Cream shortening and sugar, slowly add molasses, beating constantly. Sift together dry ingredients and add ½ cup to molasses mixture. Add eggs, beat well. Add remaining dry ingredients alternately with milk. Pour into well-greased 8-inch cake pan. Bake in moderate oven (325°F.), about 60 min. One word of caution! Be sure you use Grandma's Old Fashioned Molasses ... for the sweetness this cake needs to make it a success. Not only is Grandma's sweeter than ordinary molasses, but it has a finer, more delicate flavor—(one cup equals a cup of sugar in sweetness). It's the only nationally sold brand that does not contain sulphur dioxide!

SUGARLESS FROSTING—Beat egg white and one 8-oz. glass (1 cup) currant jelly until mixture stands in peaks. Add one tsp. vanilla extract Spread on cool cake, decorate with almonds and chocolate bits as shown.

NEW COOK BOOK-FREE!

American Molasses Company, Dept. AM-9 120 Wall Street, New York 5, N. Y.

Please send me FREE Grandma's new book of 101 delicious Molasses recipes. (PLEASE PRINT PLAINLY)



'Baby's Tree"-a pretty centerpiece with nursing bottle and safety pins

placing first ones about 5" from the top on the north and south sides, and the next ones 5" further down on the east and west sides. Alternate holes in this fashion until ten 5" long dowel pegs can be inserted. (Use clothespins if pegs are not available.) Center a small crossed wooden stand with a hole and insert "trunk" of the tree. Paint tree and stand white, and wrap blue crepe paper around post, and pink around pegs. Drop fluted pink and blue crepe paper ribbons (about 1" wide) from the top. To make pompons for the tiptop of the tree, cut strips of paper 8" wide and the length of the fold of crepe into three equal parts. Fold strips in half across the grain, slide a ruler through the fold and crush crepe paper. Then remove ruler and substitute a piece of wire. Twist wire to gather the paper into ruffly, not fluted, edges. Hang



Idea from Ida Stockwell

gifts and strings of various sized safety pins (tied with blue and pink ribbons at every other pin) on the tree. On cotton around base of tree arrange larger gifts, such as a baby's



Idea from Zoe Nielsen

"Miss Moppet" cookie favor goes triumphantly to any party -be it for small fry or grown-ups

bottle dressed up like a doll, a wooden bead doll in crepe paper skirts.

For a "Fall Roundup" party-here is a perfect idea for your club's first-



try giving him Ovaltine

TF a child's diet lacks certain food elements serious things can happen. Poor appetite—faulty nerves—bad teeth—stunted growth—soft bones—defective eyesight!

Ovaltine supplies food elements fre-quently deficient in ordinary foods. Three glasses made with milk provide a child's daily requirement of appetite Vitamin B₁, Vitamins A, D and G, and minerals Calcium, Phosphorus and Iron. In addition Ovaltine provides basic food substances—complete proteins to build muscle, nerve and body cells—high-energy foods for vitality and endurance. It thus acts as insurance against food deficiencies that retard appetite and normal growth.

So if your child eats poorly or is thin and nervous turn to Ovaltine.



DOUBLE FEATURE

 You'll be doubly glad you waited for Manning-Bow-man's Twin-O-Matic waffle baker.

And the day is coming, soon, we hope, when you can enjoy this fine waffle iron that gives you two golden waffles at once. Its automatic control can be set for any degree of baking from light to dark. And deep bakinggrids ensure thick, light waffles that will bake clear through. Just a few of many reasons why ...

Manning-Bowman Means Best

MERIDEN, CONN.

IF YOU'RE THE TYPE WHO-



Gets positively ravenous at the very thought of old-fashioned homemade Cream of Tomato Soup



But dreads slaving over a hot stove all day—and simply hasn't the knack...



3 Of keeping the cream from curdling, seasoning the soup just right - or finding really good tomatoes...



4 Here's a tip: Next time you go to the grocers (on your weekly butter hunt!) ask him...



5 For Heinz Condensed Cream of Tomato Soup! You (and your whole flock) will rave about



6 The wonderful flavor of "Aristocrat" tomatoes, and sweet, heavy cream (rich as Croesus!)



7 And all blended together in small batches—the way you'd make soup yourself (if Heinz didn't!)



Look gals, here's another swell hunch: Heinz Soup makes a marvelous sauce-base for spaghetti, meat loaf, casseroles!



By adding one tin of milk or water to one tin of soup, or get four portions of you get four Soup

HEINZ Condensed
CREAM OF TOMATO SOUP

Coming! the Aristocrat of Pressure Cookers!



Good news for busy women!

EVER WISH YOU WERE TWINS these busy days, to have time for all the things you need to do? Then you'll welcome the beautiful, new Wear-Ever Pressure Cooker.

Cooks while you set the table

Delicious meals can be ready in *minutes!* The Wear-Ever Pressure Cooker reaches proper temperature fast, then cooks:

Peas . . . in ¼ minute Beef stew . . in 15 minutes Green beans in 2½ minutes Potatoes . . in 8 minutes

All vegetables, fruits, meats, cereals, puddings, soups and stews can now be cooked in small fractions of old times.

Made of extra hard, thick sheet aluminum this new Pressure Cooker is of Wear-Ever quality, famous over forty-five years for durability and lasting satisfaction. It will come to you complete with a valuable book of kitchen-tested recipes that make it so simple a child can use it on *any* range. Very soon now Wear-Ever Pressure Cookers will go on display in all leading department, hardware and housefurnishing stores.

Genuine Wear-Ever is worth waiting for

WEAR-EVER

ALUMINUM PRESSURE COOKER

Made of the metal that cooks best ...easy to clean





your table tonight. See how their soft radiance adds beauty to china, silver and crystal.

For richer color, artistry and grace, ask for TAPERLITE - the candle with the Firm-Fir end that prevents tipping and dripping. At department, drug, housewares, grocery and gift stores. Write for a free copy of "Guide to Lovelier Table Settings.

Made by

WILL & BAUMER CANDLE CO., INC. *Trademark registered.

Like Magic

K-Veniences make a closet so convenient it practically hands out

practically hands out your clothes... they put closets in order, clothes in easy reach, double hanging space, save pressing bills. FREE brochure shows how. Write for it. Some items now available at department and hardware stores.

KNAPE & VOGT MFG. CO. Dept. AB-5, Grand Rapids 4, Mich.



of-the-season's business meeting, let your favors be "Snookie" horses made from pine cones. From the sketch shown, or using your own pattern, cut out of brown construction paper a horse's head, tail, foreleg and hindleg units. Sew these to the pine cone prongs. Stiffen legs at the back with cardboard strips and attach a cardboard brace and "Snookie" is ready.



An ice-breaker for any fall party is our "Miss Moppet" cookie favor. Use blue gummed stars for the eyes, a signal dot for the nose, half a red candy mint for mouth and icing sprinkled with chocolate shots for hair. Place her just below the crease of a napkin folded once through the center and drape as shown in the sketch.

The "Pantie" place card, a simple cut out from pastel-colored paper, is



Arrange alphabet cakes to spell out party's purpose-excellent for child's birthday greeting



another new and different idea for a club party and adaptable to many other types of festivity. Copy the verse shown on the sketch, or make up an original one of your own.

Gay little alphabet block cakes will be sure to amuse your guests at your next baby shower. Bake your cake in large square pans, when done, cut into blocks and cover with white icing and then decorate with letters and other alphabet motif.

GLORIOUS ICE CREAM

Make it without extra sugar!



½ teaspoon vanilla

1/2 cup chilled light cream or evaporated milk

Set refrigerator control at coldest point. Melt chocolate in top of double boiler. Add Eagle Brand Sweetened Condensed Milk and stir over rapidly boiling water 5 min-utes or until thick. Add water and mix well. Chill. Add vanilla and cream or evaporated milk. Mix well. Freeze rapidly in freezing unit of re-frigerator until half-frozen. Scrape from freezing tray into chilled bowl. Beat until smooth but not melted. Replace in freezing unit. Before completely frozen, beat again until smooth. Finish freez

ing. Serves 5.

EAGLE BRAND supplies the **CREAMY SMOOTHNESS**

The secret of magic ice cream .. smooth as velvet, lusciously trueflavored, is Eagle Brand! It's ablending of pure whole milk and sugar to almost unbelievably creamy smoothness! This superb blendnothing artificial—does glorious things to ice creams. And to cookies, frostings, candies, too! Try the easy, foolproof recipes in the Book of Magic Recipes.

FREE! Send post card to Borden's, 350 Madison Avenue, Dept. AH-95, New York 17, N. Y.

P. S. Be sure to insist on the original Sweetened Condensed Milk, EAGLE BRAND. It's made by Borden's, and it's GOT to be good!







BREAD A Completely Versatile Food

Julia Bliss Joyner

HIS year the basket of Mother Ceres is overflowing with golden wheat for the United States one of the largest of such crops in our national history With shortages in so many other fundamental foods the gracious plenty of this grain seems downright providential.

Wheat is often referred to as the king of cereals and a large share of its popularity can be attributed to the superiority of wheat flour. Gluten, the special type of protein in wheat, gives the soft, springy quality to bread doughs when they are kneaded and enables the dough to retain the gases produced by yeast fermentation. For this reason wheat flour ranks above all other flours in the United States for making leavened breads and other baked goods.

Bread is a basic and versatile food. As the searchlight of modern nutritional science becomes brighter, we are finding out why this nurturer of mankind is indeed the staff of life, as Dean Swift called it in his Tale of a Tub. It is a staff upon which the American family may lean during the coming winter with renewed confidence, sharpened appetite, and real anticipation.

Our daily bread once reposing on a little plate at our left hand has now taken a prominent place on the big platter at the head of the table, in the casserole, in fact, in every course straight through the meal from hors d'oeuvres down to dessert-although not at the same meal, of course. You may be a little shocked that we recommend it for the salad bowl, where, nevertheless, it is appropriate and different. The recipes and suggestions given here for the use of bread are designed to show the wide versatility and adaptability of bread and to suggest to the thorough and imaginative housewife further adaptations. Here, also, are a number of quick-loaf breads, easy to make and good on the table or in the children's lunchbox.

Adequate nutrition, delectability, and success with the family in the use of bread depends upon proper combina-

tions. Bread is not just starch, as it has been so freely and falsely called. Flour and cereals contribute a large per cent of our total calories. Bread is also a protein food. There is, of course, a difference in the quality of proteins from plant sources and animal sources. Plant proteins are said to be "incomplete". To do an efficient job of building body tissue and repairing wear and tear, they must be combined with the animal proteins that are complete. Here lies the secret of the goodness of breads made with milk or milk and egg. When bread is supplemented with milk, cheese, or a little meat, the combination has the elements of sustenance and growth which are needed by every normal individual every day of his life.

A fragrant loaf of whole wheat bread with all its natural vitamins and minerals retained is, in itself, an ode to health and beauty. Its more militant devotees used to scorn all other breads and to predict slow starvation for all those who persisted in preferring, as Americans did and still do, the plain white loaf.

But plain it is no longer. It has become aristocratic. It got rich quick! That is, it became enriched almost overnight. Experts decided to do something about the flour that the majority of the population insist they like best and the result is enriched flour. The enhancing of the food value of this basic food has been called one of the greatest single improvements in food history.

Contrary to common belief, enriched flour is not a product of the war. The standards for enriched flour were set as early as 1940. However, interest in the vital need for the project was hastened by the war. In 1943 the War Food Administration decreed that all baker's white bread be enriched for the duration plus six months. Later the measure was extended to buns and rolls.

Briefly explained, enriched flour is made by adding to white flour three of the B-vitamins and iron. These are unavoidably removed in the process of

More than just a Kitchen



.....it's A St. Charles KITCHEN



SLIDING SHELVES, that pull out like drawers for greater accessibility.

CUSTOM-BUILT

There's a difference! This peninsular* kitchen is more than just cupboards to hold dishes and utensils...more than just stock units put together. Like every St. Charles Kitchen, it is a completely integrated ensemble...designed for style as well as step-saving. For a kitchen that will make "kitchen hours" happy hours...and save you work and time...make yours a St. Charles Kitchen. Whatever the room size or shape, your kitchen will be designed and custom-built to suit your individual needs...to express your taste. It will give you maximum storage space...plus a selection from an unequalled variety of special units and accessories to make that space even more useful. It will give you every possible square foot of working surface...plus the convenience, "easy-to-clean-ness" and symmetry of a streamlined one-piece continuous working counter.

*An original St. Charles Design Custom-Built of Steel.

Write for folder. Be among the first to have a postwar St. Charles Kitchen. This illustrated folder pictures several different designs...tells of the planning service offered through dealers. Write for your copy today. St. Charles Manufacturing Co., 1660 Dean St., St. Charles, Ill.

St. Charles

STEEL KITCHENS

making flour from wheat. The added vitamins and minerals are thiamine (B-1), niacin, riboflavin and iron. There may also be Vitamin D and the minerals calcium and phosphorus.

Enriched bread is made by using enriched flour, or by using plain flour and adding the enriching ingredients to the bread dough.

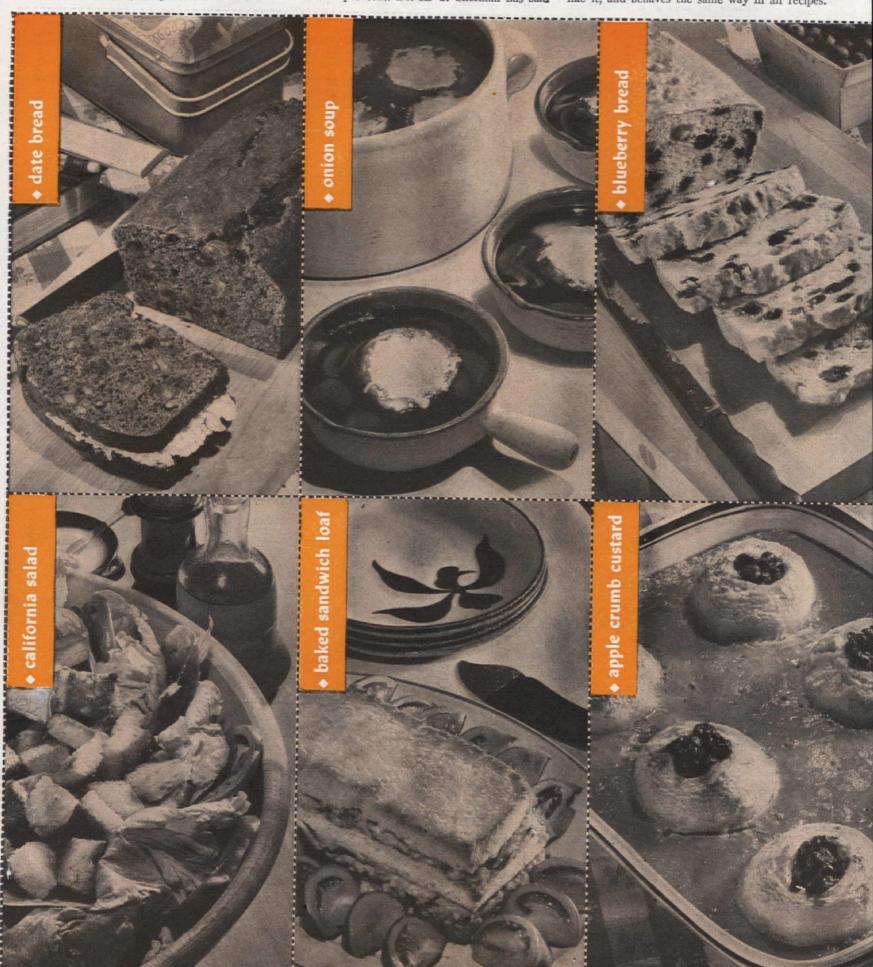
The men responsible for feeding the armed forces know well how much bread contributes to the food value as well as the satisfying qualities of their meals. These millions of young men like bread. Eight to ten ounces of bread per man per day disappears as if by magic. Enriched flour is

used exclusively for the men in the armed forces.

The use of milk in bread adds still further advantages. It increases the calcium content in the loaf and adds additional proteins. If enriched bread is consumed to the extent that it provides 40 per cent of the calorie needs of a moderately active man, then his daily requirement of protein, iron, and 3 B-vitamins, based on the recommended dietary allowances of the National Research Council, is supplied in approximately the following amounts: Protein 57 per cent, iron 67 per cent, thiamine 61 per cent, riboflavin 24 per cent, niacin 53 per cent. Dr. H. C. Sherman has said

that with enrichment, breadstuffs may be safely used to supply 40 per cent of the calories of the normal diet, provided, of course, the proper amounts of the other protective foods are eaten in the remainder of the everyday diet.

Bakers and millers have achieved the progress of enriching flour, aided and abetted by physicians, nutrition experts, and Government authorities who want to see the nation stronger and more resistant to disease. Housewives who do their own baking can, of course, buy enriched flour. It is as white as the old familiar kind, tastes like it, and behaves the same way in all recipes.



bread crumbs 3 cups milk

1/2 cup dry bread cri
2 eggs, well-beaten

34 cup seeded raisins ½ cup molasses 6 apples

Scalb milk in the top of a double boiler over boiling water. Add the bread crumbs and stir carefully to prevent lumping. Cook for 3 minutes longer. Set aside to cool. Add the eggs and molasses and mix well. Peel and core the apples and parboil 5-8 minutes. Place apples in a shallow rectangular baking dish and add custard mixture. Fill centers of apples with the raisins. Bake in a moderate oven 350°F for 1 hour or until custara is set.

Serves 6

332 cal. per serving

Source of vitamins A, B

Tested in The American Home Kitchen

baked sandwich loaf

Preparation time: 35 min.

medium loaf enriched or whole

6-02. can tunafish or salmon hard-cooked eggs, chopped can condensed mushroom soup

1/2 tsp. celery salt

14 tsp. onion salt
Dash of pepper
14 cup melted shortening salad oil 1/3 cup milk tunafish and eggs and moisten with 1/3 cup of the mushroom soup. Season with celery and onion salt and pepper. Spread filling between bread slices. Brush top and sides of loaf with melted shortening or oil and bake in a moderately hot oven 375°F for 20 minutes or until lightly browned. Add the milk to the remaining soup; heat and serve as a sauce.

Serves 6

Plates, Voulynn Ceramics

379 cal. per serving

Source of vitamins A, B complex

Tested in The American Home Kitchen

Preparation time: 30 min.

california salad

3 qts. salad greens (lettuce chicory, escarole, water cress) 34 cup salad oil 1 clove garlic, crushed

tsp. sugar cups toasted bread cubes cup lemon or lime juice Dash of pepper tsp. salt

greens. Break into eatable pieces and place in a large salad bowl. Combine the ¾ cup salad oil, lemon juice, salt, pepper and sugar and beat with a rotary egg beater until smooth and well-blended. Pour dressing over greens and toss thoroughly. Moisten the bread cubes with the garlic oil and add to the salad. Toss lightly and serve immediately.

Serves 6-8

315 cal. per serving

Source of vitamins C, B complex

Tested in The American Home Kitchen

blueberry bread

cups sifted enriched flour tsp. baking powder

ths. sugar cup blueberries tsp. salt

11/4 cups milk 1/4 cup melted shortening 2 eggs, well-beaten 2 tbs. molasses

hrs.

Preparation time: 11/4

Sift together flour, baking powder, salt and sugar. Add blueberries and stir until berries are well-covered. Combine eggs, molasses, milk and shortening and add to the dry ingredients, stirring lightly, just enough to moisten the flour mixture. Pour into a greased 9x5x3 inch loaf pan and bake in a moderate oven 350°F for 1

Serve several kinds of bread and give the family a chance to choose a favorite

Tested in The American Home Kitchen

Preparation time: 11/2 hrs.

Source of vitamins A, B complex

118 cal. per serving

Makes 1 loaf

hour or until done.

Topping for cooked noodles: Season salad oil with garlic powder and mix with toasted crumbs. Sprinkle on the noodles

Sauté onions in butter in a skillet over low heat until lightly browned, stirring to cook evenly. Add onions to hot stock and bring the mixture to a boil. Add salt and pepper to taste and continue to simmer for one hour in covered kettle. Cut bread into 2" rounds and toast. Sprinkle with cheese and place under the broiler until cheese melts. Put the toast in soup plates and then add hot soup.

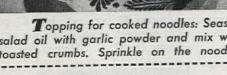
Salt Pepper 4 slices bread 1/4 cup grated cheese

6 medium onions, sliced 1/4 cup butter or vitaminized

margarine 1 qt. beef stock*

onion soup

Substitute for stock: 4 bouillon cubes or 11/2 tsp. bouillon paste and 1





Preparation time: 11/4 hrs.

1 egg, well-beaten 2 cups sifted enriched flour ½ tsp. salt 1 cup chopped nuts 1 tsp. vanilla

1 cup boiling water 1 cup dates, cut fine 1 tsp. baking soda 1 tsp. melted shortening 1 cup molasses

date bread

Tested in The American Home Kitchen

Source of vitamins A, B complex

182 cal. per serving

boiling water or use canned bouillon.

Serve immediately.

through the center, make crosswise cuts, brush with melted fat and bake at 375°F.

Pour boiling water over dates and let stand until cool. Stir in the baking soda. Add the shortening, molasses, and egg. Sift the flour with the salt and add the nuts. Add flour and nuts to the date mixture. Add the vanilla and mix well. Pour into a greased 9x5x3 loaf pan. Bake bread in a moderate oven 350°F for 1 hour or until done.

Hot Loaf: Trim top and sides, cut

Source of vitamins A, B complex

176 cal. per serving

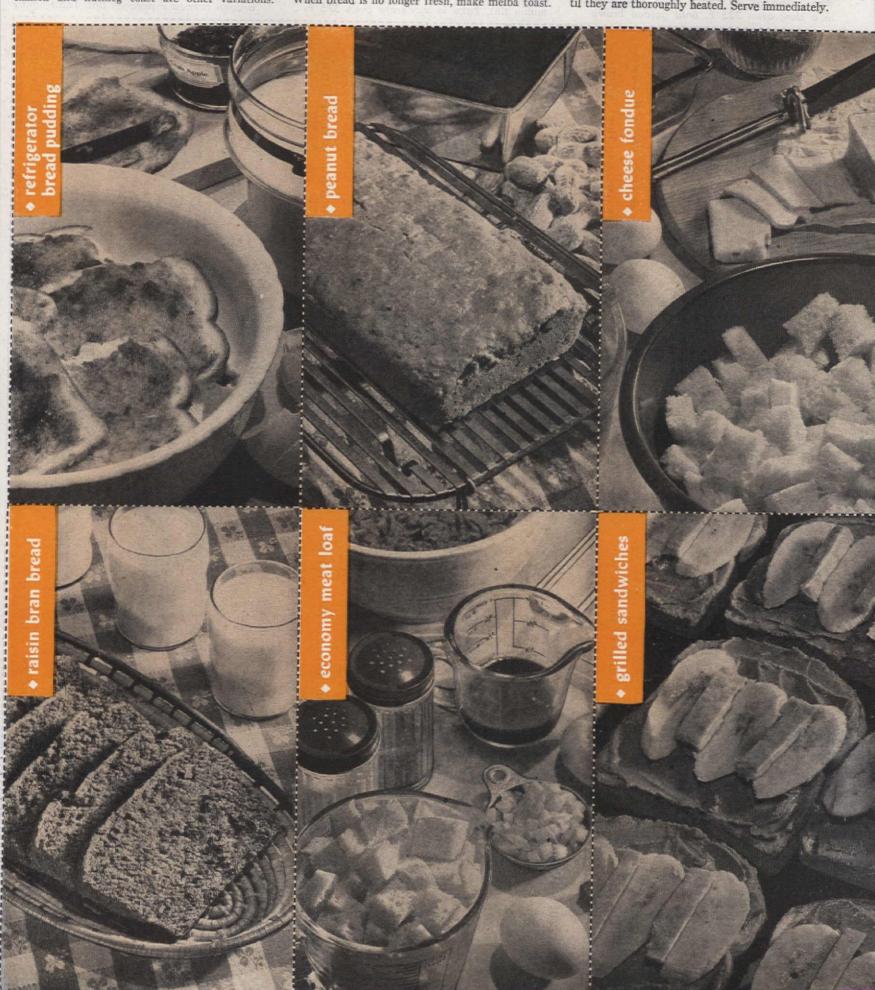
Makes I loaf

Tested in The American Home Kitchen

Toast Facts—The age of bread makes little difference in making good toast. Although the moisture is removed, the caloric value of toast is the same as that of a slice of bread. The secret of making good toast is to adjust the heat and time so that the result is a golden-brown product neither too lightly browned nor charred. Toast goes well with any meal and may be used as a cereal food for breakfast or supper. Milk toast and French toast are pleasing combinations of bread with foods which have nutritive value. Cinnamon and nutmeg toast are other variations.

storing Bread—Bread stays fresh longer and will not mold quickly in humid weather if it is wrapped in moistureproof paper and kept in the refrigerator or in a well-ventilated breadbox. Keep breadbox in a cool place and scald and air box often. Brushing homemade bread with oil or melted fats as soon as it is taken from the oven helps considerably to preserve its freshness. Remove the bread from the pan and cool it on a wire rack before storing. If there are several loaves to be stored, wrap each one separately in wax paper. When bread is no longer fresh, make melba toast.

Serving Bread—Fresh bread can be sliced easily if the knife is heated. Pass the blade of the knife through a flame. A breadboard on the table eliminates waste in serving and allows choice of thickness of slice. To freshen stale bread, dip it in cold water, place in hot oven and heat thoroughly. To freshen rolls and bread slices, sprinkle with water, wrap in brown paper and heat in the oven. To reheat rolls or bread slices without lighting the oven, place them in the top of a double boiler over boiling water for about 15 minutes or until they are thoroughly heated. Serve immediately.



cup grated American cheese

cubes

cups milk cups bread

½ tsp. salt Dash of cayenne pepper 1 tsp. Worcestershire sauce

cestershire sauce. Add bouillon paste dissolved in the boiling water. Stir in the egg yolks which have been well-beaten and the butter. Fold in the egg whites beaten until stiff but not dry. Pour into a greased 2 qt. casserole. Set in a pan of warm water and bake in a moderate oven 325°F for 1¼ hours or until set and a delicate brown. Serve hot with a sauce made as follows: Melt 1 tbs. butter or vitaminized margarine in the top of a double boiler over boiling water. Add 1 tbs. flour and stir until well-blended. Add 1 cup milk gradually and cook, stirring constantly until mixture thickens. Add 1 tsp. bouillon paste and stir until paste dissolves.



Melba Toast: Cut bread in 1/8 inch slices. Arrange on cooky sheet and bake in a slow oven 325°F. until golden brown

Preparation time: 11/4 hrs.

14 cup chopped peanuts 1 egg, slightly beaten

4 cup molasses cup milk

1 cup sifted enriched flour 3 tsp. baking powder 1 tsp. salt 1 cup whole wheat flour

½ tsp. pepper 1 tbs. melted butter or vitaminized

egg, well-beaten cup beef bouillon

margarine

1/4 cup chopped celery 2 ths. grated lemon rind tbs. chopped onion cups bread cubes Ib. ground beef

14 cup catsup

cup peanut butter

Source of vitamins A, B complex

231 cal, per serving

Cheese and peanut: Toast one side of the bread. Spread the other side with bouillon paste. Cover with sliced American cheese. Sprinkle with chopped peanuts

and place under the broiler until cheese melts.

Tested in The American Home Kitchen

Preparation time: 11/4 hrs.

economy meat loaf

Sardine and tomato: Toast one side of the bread. On the other side place slices of tomato. Top with sardines and place under the broiler for a few minutes.

Baked bean and ham loaf: Toast one side of the bread. Spread the other side with baked beans and top with paper-thin slices of onion and slices of canned ham loaf. Broil until ham loaf is lightly browned.

Tested in The American Home Kitchen

Toast Cups: Cut bread 1/4 inch thick, brush with melted fat or oil and press in muffin tins. Bake in moderate oven 375°F.

moderate oven 325°F for about 1 hour or until done.

127 cal. per serving

Makes I loaf

B complex

Source of vitamins A,

250 cal. per serving

Serves 4-6

wheat flour. Cut in the peanut butter with two knives until well-blended and add the peanuts. Stir in the egg combined with the molasses and milk. Mix quickly and just enough to moisten. Pour into a well-greased 9x5x3 inch loaf pan and bake in Source of vitamins A, B complex Tested in The American Home Kitchen

Combine bread cubes, beef, onion, celery, lemon rind and catsup. Season with salt and pepper. Add butter and egg and mix well. Shape into a loaf in a greased rectangular baking dish. Pour bouillon around loaf and bake in a moderately hot oven 375°F for 1 hour, basting frequently.

Tested in The American Home Kitchen

• raisin bran bread

34 cup seeded raisins 1 cup sifted enriched fi 3 tsp. baking powder 1/2 tsp. baking soda

% cup molasses 1 tbs. melted shortening tsp. salt cup corn meal

11/2 cups bran cereal

egg, well-beaten 134 cups milk Dredge raisins in 2 tablespoons of the flour. Sift together the remaining flour, baking powder, baking soda and salt. Stir in the corn meal and bran cereal. Combine egg, milk, molasses and melted shortening and mix with the dry ingredients. Add the raisins and mix lightly. Pour into a greased 9x5x3 loaf pan and bake in a moderate oven 350°F for 1¼ hours or until done.

Makes I loaf

136 cal. per serving

Source of vitamins A, B complex

bread jelly

bread pudding

refrigerator

hrs.

Preparation time: 11/2

8 thin slices of 1/2 cup currant eggs tbs. honey

2 tsp. enriched flour Dash of salt 2 cups milk ½ tsp. vanilla

Preparation time: 45 min.

Spread slices of bread with the jelly and place in a casserole. Beat eggs slightly, add honey, flour and salt and stir until well-mixed. Add milk, pour into the top of a double boiler and cook over boiling water, stirring constantly until mixture coats the spoon (7-8 minutes). Remove from heat, add vanilla. Cool. Pour custard mixture over bread in casserole. Chill about ½ hour and serve.

Easy Canapes: Slice bread 1/8 inch thick, spread with anchovy paste and wrap around canned asparagus tips. Toast lightly

Serves 6

270 cal. per serving

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The kidneys are Nature's chief way of taking excess acids and poisonous waste out of the blood. They help most people pass about 3 nints a day.

pints a day.

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A brand new group of gamesfun for guests from 6 to 60

Emily Seaber Parcher

WHAT games to play at your party becomes a real problem when the guest list includes age groups that skip through whole generations. The small fry like "Spin the Bottle," but Aunt Suzy, grandmother, and the neighbor Joneses' teen-aged daughter would never stand for that! The grown-ups might go for bridge, but Junior and his friends would much prefer to build houses with cards!

So when the whole family and part of the neighborhood congregates for some special occasion such as welcoming John home on furlough, better strike out on some new ideas.

To help you, here are some brandnew 1945 indoor party games that will give plenty of excitement and laughs for all guests from 6 to 60. They're gay fun, and as new as your next shoe coupon. Try them for your next mixed-age party.

Our first game-and the perfect ice-breaker for a group of guests not well-acquainted with each otheris called "THE SUG-GUEST-ED STORY." The hostess explains that a great story is about to be written but each guest must help out on the adjectives-the "juiciest" he can command. She may start it off by giving sample adjectives such as delectable, tainted, poisonous, crosseyed, red-nosed, etc. After jotting down about fifty or sixty of these, she appoints a helper, possibly the one who has contributed the longest adjective, and bids the others chat among themselves while she and "the chosen one" write out their masterpiece. The story is nothing more nor less than the story of that very party up to the time of the writing. There is a liberal sprinkling of names of guests with spaces left in front of all



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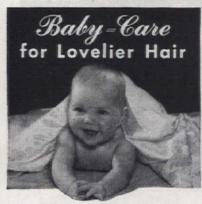


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PACKER'S TAR SOAP





names and other nouns for the adjectives to be selected from the "sugguest-ed" ones. When the story (about 500 words) is written, back go the hostess and her assistant to the eager and expectant assembled group. While the hostess reads the story aloud, the helper fills in the dashes with the descriptive adjectives in the order in which they were jotted down. It might go like this:

"On a delectable night in the fall, the tainted Smiths decided to have a poisonous party. Promptly at 7 o'clock, the cross-eyed Joneses arrived with their red-nosed son. Pigeon-toed Mrs. Jones greeted greedy Mrs. Smith with a miserly kiss. Unshaven Mr. Jones and venomous Mr. Smith just shook their sticky hands, while the ridiculous son cast high-toned goo-goo eyes at the pampered Smiths' ostentatious daughter. . . ." and so on to an "appropriate" ending. The young fry go into hysterics and so do the grownups.

If you're using this as an introduction to an evening of games, and if your guests are more or less strangers to one another, follow up with a relay of some kind. "PAPER ON THE STRAW?" is a good one.

Pass out straws to each guest and divide guests into two teams—the "hippopotamuses" and the "elephants." A card table is about twelve feet away. On it are two small pieces of thin paper (an inch or so square). At the command "go," the captains hurry to the table and pick up their small square of paper by sucking it onto the end of their straw. With the paper on the straw, they dash back to their teams and pass the paper (from straw to straw) to the next



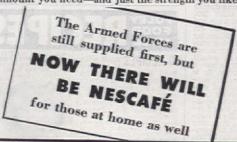
person in line. If the paper falls to the floor the player to whom it is being passed must get down and suck the paper onto his straw before hurrying back to the table. There, he drops paper onto table, sucks it onto the end of his straw again and hurries back to the next in line. While the losers rest, the winners can enter an obstacle race to see who will be the "Winnah" of the winners. At a given signal, they rush to a sign which says Obstacle 1. Here are such directions as: "With your right hand holding your right ear, walk to Obstacle 2." At Obstacle 2, they are told to say, "Oh, my goodness!" and hop to Obstacle 3. At Obstacle 3, are directions to: "Moo like a cow and crawl on all fours to Obstacle 4." There they are directed to: "Waltz (to their own



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singing) to Obstacle 5." They must | "shake hands with all onlookers" while proceeding to hop to Obstacle 7. From Obstacle 7, they "take a deep breath and stride in very long steps" to Obstacle 9. Thence to "balance a dime on your nose and proceed back to 8." From there "using two 9 by 12 sheets of paper skate to 10-the finish." The Winnah is awarded the grand prize, it could be a trick novelty such as a fake package of gum.

By this time most of the guests should be panting for a rest, so a



sit-down game is now in order. "The Romantic Spelling Bee" is one of the best. Type ahead of time the following enticing story to distribute to each guest. In it are 20 misspelled words, which each player must underscore. Those he misses count 5 against him, while the correctly spelled words which he mistakenly underlines count 10 against him.

The story: 'Tis easy to catch a man. Take the way I got engaged to the scolarly personage of Hank Hawkins, who thinks he's so errudite. At any rate his conversation is like the glossery of a book on inorganic analysis. He's on his Sabattical leave, or whatever they call it, from that college where he teaches. I met him under our knarled old oak tree down by the stream, and smiled at him. It was a romantic night. The glowing sunset whispered endeeringly that the morrow would be fine and fare; I could have fallen for anybody. "I remember as a boy," he said to me, "following this erratic little stream to where it runs threw the pipe under the road." I nodded, all goose flesh. "It still does. And up the hill to the hermatage." "Is the hermatage still there?" Hank asked. "I thought it was do to collapse years ago. I'd like to gaze on it again." "We could go picnicking," I suggested coily. Next day we rode our bycicles down the rode that runs parellel to the stream and on up to the hermit's hut. Once in that romantic spot he was easy pray. "Soon I'll be alone," I said, weeping copeously. "My mother is dying, we think of silicosis." I had that in Arabia," he said with great sympathy. "A simoon. But I got over it." I did not know what a simoon was, but I nodded perceptively. (I have always found it expediant to do that.) He wiped my teary cheeks with a collosal handkerchief and told me not to worry, he would take care of me. I didn't know how to interprate that, so I just clung to him saying he'd be all I had if my mother died. The next day he brought over a diamond. See? It's easy.





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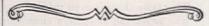


"DON'T USE IT" keeps you on your mental toes, but gives you a little more action than the spelling bee. Have the players choose a letter that they are not to use. For example, "S." Then, choose someone to go around the room asking questions-the winner of the last-played game is a good one to choose. The players must answer in words not using the letter "S." "Are you having a good time?" could be a sample sentence. If the player addressed answers "Yes," he drops out of the game immediately and takes the place of "It," the person who asks the questions. When he changes places with a new loser, he no longer participates in the game but becomes one of the highly amused on lookers. The person staying in the game the longest, wins the prize.

For your next game, pass out papers and pencils again and announce that a model is about to model a new gown. Give her a build-up. When the assemble is at the peak of anticipation, in she strolls, attired in as many things as she can possibly get on: dress, bathrobe, sweater, hat, earmuffs, earrings, gloves, mittens, etc. As she parades around the room she introduces a bit of action; straightening the tie of one of the male guests, looking out the window, pausing to take off a rubber, etc. The guests are urged to watch her very carefully. When she leaves, the guests are asked to write down all the objects they can remember her wearing. The one writing the longest correct list wins.

It's never wise to crowd in too many games. Let the guests have plenty of time between games for chatting, relaxing, and, of course, for light refreshments.

Fire Extinguisher Correction: An article in the July American Home told how to recharge fire extinguishers. But the caption at the bottom of 38 was in error in stating that water should be added to bring the solution to the proper level in vaporizing liquid extinguishers of the pump-gun type. In recharging any extinguisher of this type, use only the solution prepared by the manufacturer for that particular unit, because water will corrode the extinguisher.



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Try putting your feet on a chair if they have done long and arduous duty in the daily routine of work





To keep your nails strong, your cuticle conditioned, apply castor oil to cuticle before retiring

Any number of girls who treat their hands like prima donnas, treat their feet like step-children. This same thing is even truer of boys who never fail to wear a clean shirt and a well-brushed suit, but seem to think that dirty, scraggly nails and run-down shoes are mere signs of the busy, masculine life they lead.

Well, don't kid yourselves, teenagers. Well-groomed hands and feet are a definite asset to you, and well worth the time and trouble it takes you to keep them that way. Sure, it's work-but all really worth while things are. Take it from those who know. Peggy Ryan, whose feet have danced her into fame, is well aware that taking care of your hands and feet is no mere coat of paint matter. Actresses like Peggy, work long hours and have comparatively little time to themselves. But did you ever see an actress whose nails needed attention?



Johnny Coy's nails are kept smooth, clean, and his cuticle receives constant, proper attention



Avoid shoes that are too tight, too pointed, or have too high a heel. They bring on early fatigue



It relieves blood pressure—keeps ankles from swelling and generally

tones you up after a strenuous day



A soap and water brushing of the nails and cuticle is a requisite of well-groomed masculine hands



Worn-down heels cause incorrect walking and posture, cause leg muscles to stretch out of shape

Posed especially for THE AMERICAN HOME by Peggy Ryan and Johnny Coy, currently appearing in Universal's "THAT'S THE SPIRIT"

Kay Campbell

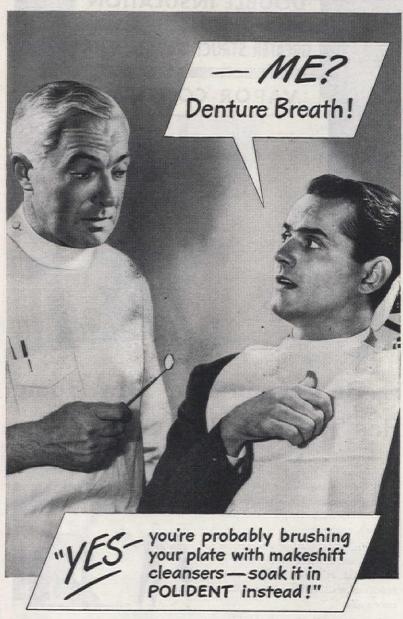
One way to have nice hands is to change your polish at least once a week. Then to protect that polish, try a daily coat of sealing topcoat. Jagged cuticle must be pushed back carefully: This applies to toes, too. And don't cut your toe nails. Try filing them instead. Use pumice stone on pump-bumps or little callouses. When bathing, brush your toes with a nail brush and soap. Then after the cuticle is rubbed back with a towel, oil your nails, all twenty of them, with cuticle oil. Once a week, massage a good rich cream into your hands, elbows, and toes before retiring. It's worth the effort.

Even in these days of shortages, you must boast of two pairs of shoes, so rotate them. Never wear the same shoes two days in succession. Avoid shoes that pinch, and run-down shoes that get your feet and leg muscles into bad habits. Wear high heels only on special dress-up occasions. And for good circulation, hoist your tired feet up on a chair or on a footstool whenever you get an opportunity. Remember, you have only twenty fingers and toes . . . so baby them along!



To relax and strengthen the feet after a busy day, soak them in a vinegar bath for a few minutes

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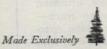
On inside-walls, Insulite Lath builds a second wall of insulation. But here's what's really important—the vapor seal against the studs effectively retards vapor travel into the wall space. Insulite sheathing, being permeable to vapor, permits what little vapor that might escape to pass harmlessly towards the outside.

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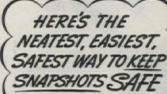
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