HOW TO HAVE A HOME WORKSHOP
What $200 Did for an Old Kitchen
4 Ways to Cure Living Room Woes
We know and we'll show you if you give us half a chance... show you how easy and inexpensive it is to translate the ideas in this issue into new convenience, new comfort, new beauty, new enjoyment. Yes, we know what to do about getting these lasting benefits for you. Won't you stop in—soon—and let us show you?

P.S.—Our magazine has shown lots of ideas of every type that will fit into your house. File this and the back issues, and use the Index of Features below for future reference:

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COVER PHOTOGRAPH: HECHT-BLESSING
So you want a home workshop? Well, join the happy crowd of at least 11 million men whose home workshops occupy the basements, attics, garages and utility rooms of the nation. That's a lot of people enjoying what is perhaps the oldest and most versatile of hobbies.

What's the secret of such popularity? There's the satisfaction of self-expression in creating projects for the whole family to enjoy. Add to that the pleasure derived from working with the hands, and the relaxing change of pace from the daily job. And throw in an assist to the family finances, for there's real economy in doing your own repair and remodel jobs around the house. Moreover, many is the shop that has grown into a successful, profitable business.

A workshop is the way to make the home — and family — your hobby. It can start small and expand with your interests and experience. Cost? The tightest budget can handle it, for the beginning tools and materials are inexpensive, and their cost will be far offset by the value of the projects turned out.

Curious about how to get started?

(continued on next page)
How to have a Home Workshop
(continued)

Where to Put the Shop

Take a walk around the house and size it up before deciding where to locate your shop. Remember, you'll want the shop to be convenient, comfortable, dependable and efficient—in one word, you'll want it to be practical. Logical locations are basement, garage, utility room, attic, or perhaps a separate structure or even an addition to the house. In deciding on the location, make the most of the "built-in" advantages of your property—natural lighting, ventilation, heat, electricity, barriers to sound transmission. Since there's no "perfect" place for any shop, what will really count is how the space is enclosed and equipped with the easy-to-use materials your lumber dealer can recommend. Size? Make it as large as possible, but don't turn down even a corner. In the following examples are ways to get the most shop from minimum space.

What to Do In 30 Square Feet

Ever realize you could have a workable shop in a corner of the utility room, garage, or the space under a stairway? You can, and it'll produce fine projects if you give it a chance. If you can find 3x4 feet to 3x6 feet for a work bench, you're all set. You can even have power tools if an additional 3x3 feet of space is available. A tool board above the bench, and drawers and cabinets in the base will provide storage space. Mount your circular saw and jointer on a caster-equipped bench for operating freedom. Even a drill press and grinder will fit into these small shops if mounted on the work bench.

What to Do In 100 Square Feet

You'll probably find room for a shop of this size in the basement, attic or part of the garage. When planning it, look for an area where the floor space will be approximately square. This shape permits the best working relationship of the bench, tools and other equipment. Make the work bench at least 6 feet long, and outfit the base with drawers and cabinets for storage. Attaching a tool board above the bench is standard practice. You'll find it convenient to have a tool panel on the wall by each power tool to accommodate accessories. Mounting tools on casters may prove useful if you undertake large projects.

What to Do In 200 Square Feet

It's almost a luxury to have this much space for a shop, yet frequently it isn't hard to find. The most likely spots are the basement, attic, half of a two-car garage, or a structural addition to the house or garage. For convenience and workability try to make the shop at least 10 feet wide, and the closer you can get it to a square shape the better. You can really have a complete shop in this space, with a full complement of hand and power tools and plenty of storage space. Note from the plan that the work bench and cabinet create "wells" for certain tools, and that all tools are arranged for ample working clearance. The saw-jointer combination is also centrally located and in line with the door, so that long work can be handled. Good general lighting, plus lights at the work bench and at each tool, should be included in a shop of this size. And it's wise to install plenty of electrical outlets around the perimeter of your hobby haven.
How To Make It Handy and Handsome

Practical, versatile utility is yours with DURON* perforated hardboard for wall surfaces and tool panels. The tool board kit of Handy-Hooks accommodates almost any tool or accessory—flexibility is built in, with endless arrangements possible. Hardboard goes into place quickly and easily, and its perforations give pleasing effect.

Easy on the Ears? Workshops are sometimes noisy places, and the family will appreciate the sound conditioning provided by QUIETONE* acoustical tile. Goes up quickly, and can be nailed or stapled to furring strips, or applied to a flat surface with adhesive. The predecorated white surface improves shop illumination.

Color, functional and fancy, does wonders in a workshop. Probably most shops you've seen never had a coat of paint. Yet an attractive room helps the lighting, is easier to keep clean, and is more popular with the lady of the house. Use different colors to establish work areas and locate tools and accessories. Try TEXOLITE* DURAVAL paint—in a selection of 128 colors.

Another fine shop is combined hobby and business center of Paul MacAllister, Chicago industrial designer. Color treatment makes it bright and cheerful, codes contents of drawers and cabinets. Unique louver-type tool rack above bench puts storage space at fingertips. Other ideas for your shop: electrical outlets in front edge of bench, DURON Hardboard walls, bench and tool boards; QUIETONE acoustical tile ceiling. This shop is 15x20 feet, and occupies part of a storage shed.

(Continued on next page)
How to have a Home Workshop (continued)

What to Do About Tools

There are few hard and fast rules that can be expounded about tools, because the tools needed and the order of purchase depends upon the type of work you plan to do. However, remember this advice: "Always buy quality tools". It is better to have a few tools, but really good ones, than a shop full of inferior ones.

Since the home workshop usually starts with hand tools, the primary selection is important. Use the following as a guide and check list. As experience and need dictate, expand your selection with additional sizes and types.

Hand Tool List

| Nail Hammer | Screw Driver | Pliers |
| Jack Plane  | Cross-Cut Saw | Rip Saw |
| Hack Saw   | Hand Drill    | Ratchet Brace |
| Set of Auger Bits | Mallet | Set of Chisels |
| Oil Stone  | Combination Square | Level |
| Folding Rule | Nail Set | "C" Clamps |

And what about power tools? It's as simple as this—any job is easier and more quickly done with power tools. They'll expand the shop's capacity and variety of projects, and for a beginner or expert they possess the advantage of built-in accuracy. Power equipment divides into two basic classes, the portable hand tools and the larger shop machines. A portable electric saw will find plenty of use if you contemplate remodeling work. An electric drill is almost indispensable around any house, and an electric sander of the oscillating type takes the work out of most finishing procedures.

PORTABLE SAW
CIRCULAR SAW

Most craftsmen purchase a circular saw as their basic large power tool, with the 8-inch tilting arbor type the most popular choice. The jointer is a perfect companion for the circular saw, and it's well to consider a drill press to round out your selection. The belt or disc sander, band saw, jig saw and lathe are all popular and useful tools. The multi-purpose power tools are popular, particularly where space is limited, but the flexibility and convenience of separate individual tools cannot be overrated.

Proceed slowly in acquiring your tools—buy quality and they'll represent a valuable asset—good for a lifetime.

Laboratory of ideas was the workshop of owner-hobbyist Lou Grosset (cover and Page 3), developed in conjunction with POPULAR HOME. From this project have come good ideas on work benches, and storage for tools, hardware, finishing supplies, and materials; solutions to electric wiring, lighting, ventilation and sound control problems. The "how-to" data is in the new Workshop Handyman Plan, available from the local firm named on the covers. While you're there, pick up the great new Shop Guide, the handyman's hang-up library.
The Arkansas Traveler of "bazooka" fame, Bob Burns makes the most of his workshop.

Remember the "bazooka"? If you do, you'll wonder what has happened to Bob Burns, the irrepressible Arkansas traveler who entertained millions in the 1930's. We found him—busy at work on his 190-acre ranch in Canoga Park, Calif. In a friendly, quiet way, he told us all about his family, his famed "bazooka", his home, ranch and workshop. After considerable prodding, he added a little about Bob Burns.

Bob retired from show business in 1947, to "take it easy" and "work my ranch". However, he's constantly sought after for television, but turns all offers down. "I'm through", says Bob, but he still makes occasional appearances for charity and veterans' groups. He says he prefers the quiet life of the ranch, and being with his wife, Harriet, and the children—Barbara, 16, William, 15, and Steven, 14.

It was the bazooka, Bob Burns concedes, "that made all of this for me". In his rambling ranch-type home, built in 1940 from his own design, his favorite spot is the ground floor workshop. In it he has built replicas of the bazooka, furniture for the house, a complete set of sprinkler heads for the ranch, irrigation equipment, and other projects. Its main function is to maintain his home and ranch and keep his farm equipment in top-notch condition.

Before we left, Bob played us a tune on the bazooka, and told us that he is the only man to play it—and make music.
Old Kitchen?

$200 did this

How to keep her happy over the range: Put your handyman talents to work in modernizing

HAVING a handyman around the house pays off in dollars and cents when it comes to home improvements and repairs. And if father wants a well-equipped workshop to make the job easier, there's one way to get a quick vote of approval from the family. That's to use his talents where they're needed most—in the kitchen, for instance.

Kitchen modernizing needn't be an expensive, complicated task. In many cases it can be accomplished in a series of small jobs, tackled one at a time, without a change in plumbing or appliances. Illustrated here is what just $200 did in the 9x10-foot kitchen of Mr. and Mrs. W. J. Guth. That's only the material cost, to be sure, for Mr. Guth's own labor did the rest. It was a matter of thorough planning and careful workmanship—just what you can put into your own project.

There are just five principal features in Mr. Guth's big improvement, any or all of which may apply to your kitchen needs. Tools? A saw, screwdriver, hammer and plane did the job, thanks to his friendly lumber dealer. The lumber and hardboard needed came precut to Mr. Guth's order, and the stock kitchen cabinets needed only installation and finishing. He simply took care to give accurate dimensions and a complete list of requirements to his dealer. The result was dollars saved—and an efficient, modern kitchen. What about yours?

Same place, big change. Old kitchen (below) was out of date and awkward, with little work space, wasted end wall, unsightly cabinet. Now (above), it's a modern U-shaped kitchen with ample counter and storage space, and everything within reach.
New Fashioned Convenience—in 5 Steps

1. Stock cabinets: two over sink, two base units in recess on opposite side; shelves of 1x8 lumber, light fixture over sink. Cost, $94.


3. Window counter: radiator enclosure of wire mesh, two shelves above of 3/4-in. plywood, 1x3 framing lumber; linoleum top; raise sill. Cost, $32.


5. Drop-leaf table: made of 3/4-in. plywood, with linoleum top (construction at right); cost, $12. Miscellaneous: linoleum tile flooring, paint for walls and ceiling, door pulls, metal edging, other hardware; cost, $40. Total $200.

How to Build a Drop-Leaf Table
How to get efficiency from limited space: the Steenhofs installed partial partition with pass-through opening to separate strip kitchen from living room.

Beauty was in hiding in Steenhof living room, but look at it now! Old projecting fireplace (above) was relaced with brick, and wall was framed out from old plaster to become flush. Recess above mantel has attractive wall covering of matchstick bamboo mounted on hardboard base, with concealed lighting above. Partition which shields narrow strip kitchen was built of 2x4's and SHEETROCK* gypsum wallboard. Rush squares, normally used on floor, give striking effect as partition surface.

No longer forlorn is opposite corner, where chimney (above) once bulged into room. Norm and Barbara concealed it with paneling, and filled out the recess with a bookcase. Behind sofa pillows is hinged door and more storage space. The 3x3-foot coffee table was cut from a flush door, with brass sockets attached to receive wood legs.
Get rid of the eyesores, and make full use of space

4 ways to cure living room woes

Norm and Barbara Steenhof, two talented friends of Popular Home, have won an argument. "Hopelessly old-fashioned", was the way their guests described their living room, in urging them to start house-hunting. The Steenhofs replied with action—and proved once again that well-planned modernizing can work wonders with the most dismal of old homes.

This is their living-dining room today—of average size, a busy place. You'd never guess it started the year with an ugly fireplace, misplaced windows, a projecting chimney, and acoustics that magnified every sound. The remodeling? They did it themselves, with ideas that you can borrow to advantage. Just plan your modernizing to make the most of what you have. And even if you have the work done professionally, the cost can be no burden, for easy-payment financing may be readily available. Take your bright hopes to the firm named on the covers, and see what can be done.

Kill two birds at once? The Steenhofs did it, softening sound and covering the battered old ceiling in the process. Here, Norm staples Twin-Tile panels of QUIETONE acoustical tile to 1x3-inch furring strips. The double tiles go up twice as fast, can be cleaned or painted.
Here’s what you get from skillful design—interplay of color, material and line. Note how architect combined wood siding with masonry basement wall, how the flat-roofed carport blends with sloping planes of the shed-roofed areas. Foyer and guest closet are just inside front entrance.
It's a built-in bonus of extra living space, at bargain prices, that largely accounts for the sweeping popularity of split-level houses across the country. It's a real discovery when you find one that also fits perfectly on a flat site and has the clean appearance of good contemporary architecture.

That's the big appeal of Popular Home's Tempting Tri-Level, as designed by Architect Charles B. Rowe in Park Ridge, Ill. The living, sleeping, and recreation-utility areas are on separate levels, yet only six steps apart. The extra-value bonus is the basement level, light and inviting, that houses a handsome recreation room (above) and laundry facilities.

Build your own Tempting Tri-Level—either in the two-bedroom version as illustrated here, or with three bedrooms (right). Take it up with the helpful local firm named on the covers—and get started!

**All the interests of an active family are accommodated in living-dining area of Tempting Tri-Level, with window wall facing rear garden (left) and 7-foot china cabinet recessed into kitchen wall (above). Garden door is at left end of window wall. Across room is cantilevered fireplace and stairway to bedroom level. Sloping ceiling enlarges the visual space, thanks to combination of ROCKLATH* plaster base and RED TOP* plaster used for interior finish. Even the paneled fireplace wall is backed with ROCKLATH to insure fire resistance.**

*U.S. PAT. OFF.*

Order building blueprints through your POPULAR HOME sponsor—No. PH 11-7A (2-bedroom version) or No. PH 11-7B (3-bedroom version)—both available with reversed layout. Note that larger model is 6 feet wider, but that either can be built on 65-foot lot. Both have the efficient U-shaped kitchen and loads of storage space.
Is anybody looking for a bargain in beefsteak tomatoes, chili sauce style? Some of them are still steaming in the caldron on the stove, and some may be had by merely peeling them off the wall and ceiling. They landed there when the bubbling inferno exploded - a highlight in Willie's new role as "Amateur Chef". It's our annual play entitled, "What'll We Do With All These Tomatoes?" Husband Willie might be hurt (and you might be, too) if I gave you his original recipe, but if you're canning, here's a good (safe) suggestion. The cardboard cartons that glass jars come in are good for storing the jars when filled. With the flaps closed, the jars are protected from light and dust, and the contents can be labeled so you know exactly what's stored where.

Another storage idea I like at this time of year is using egg cartons for storing bulbs, such as gladiolus, dahlia or tuberose. They can easily be sorted as to variety and color and marked, then stacked neatly away for winter.

That reminds me of our storm windows - now stacked neatly away (and for keeps, votes father). After you've put them up again, it's smart to save those old window spray bottles. They're handy gadgets around the house and garage. Use one filled with warm water to spray it away, and your tape is always ship-shape, ready to use.

One more tip concerns Thanksgiving: an idea for expanding the table before expanding the waistlines. Saw a 4x8-foot piece of plywood in half, putting two 4x4 sections, and hinge them together (for easy storage). Attach braces underneath, and add a coat of paint. This makes a removable table top that seats 12 people and costs under ten dollars.

Food and money - that leads back to my own kitchen. Let's forget it, and maybe it will all just silently go away!

For a lazy hour in bed or when sickness comes, this reader's "Bed-Rest" is just right. Three small panels of 3/4-in. plywood, four hinges and three strips of 1x1 lumber do the job. Cut plywood 16 in. wide by 16, 18 and 24 in. long, and hinge together with 16-in. piece in the middle. Attach 1x1 cleats to 24-in. panel, 6 in. apart. Unit folds for storage.

$20 each paid for original illustrated projects, $10 each paid for original household hints used on this page. Address POPULAR HOME Magazine, 300 W. Adams St., Chicago 6, Ill. Contributions above by Clifford K. Williams, Dallas, Texas; Carmelita Johnson, Reseda, Calif.; Charles P. Rutz, Emporium, Pa.; Mrs. L. J. Camp, Creston, Ia.; Mrs. Carrie Massari, Kenosha, Wis.; Mrs. Helen Fischer, Loveland, Colo.; Mrs. Claude Gettings, Toledo, Ohio, and Mrs. Ellen Pate, Detroit, Mich.
Here's a check-list to help you catch your winter maintenance problems before they catch up with you:

- **1.** Roof—any evidence of leakage, loose or lost shingles. Have roofing contractor make repairs.
- **2.** Gutters, downspouts—clean, install leaf guards, paint inside of gutters, replace if rusted out.
- **3.** Flashings—clean, refinish, have them repaired if necessary.

- **4.** Insulation—now's the time to do the job. You'll enjoy lower fuel bills, year-round comfort. Use mineral wool batts or loose fill insulation.
- **5.** Window, door caulking—if it's hard and brittle, pulled away from casing or house, use caulking gun.
- **6.** Weatherstripping—on all doors, windows. Replace or add.
- **7.** Storm sash—in colder climates you need them on all windows and doors. Make sure they fit. See your building materials dealer.

- **8.** Exterior walls—touch-point masonry to prevent joint disintegration, wall damage and leakage. Paint wood siding, repair damaged siding, or reside if necessary. Ask your lumber dealer's advice.
- **9.** Water system—where freezing is expected, shut off and drain all outside plumbing.
- **10.** Hot water heater—consult your service man. If necessary, drain and remove collection of silt.
- **11.** Furnace—clean and repair. Replace filters, lubricate fan, motor.
- **12.** Windows—check for tightness, and wash 'em!
- **13.** Chimney—clean, repair cap, replace loose mortar.
- **14.** Lawn and garden—put them to bed. Dig bulbs, mulch plants.
- **15.** Hang up this list for future reference. It's a word to the wise!

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**wet basement?**

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