

• New Machines and Gadgets •

For sources of more information on new things described, send a self-addressed stamped envelope to SCIENCE NEWS LETTER, 1719 N St., N.W., Washington 6, D. C., and ask for Gadget Bulletin 771. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

🌀 **PRINTED WOOD** projects for the home workshop are in nine colors on plywood panels measuring 19 by 24 by 1/4 inches. No tracing, sanding or painting is necessary. The decorations are cut out on a jig saw and either screwed or tacked together. Fifteen separate projects, including bird houses and model cars, are available.

Science News Letter, March 26, 1955

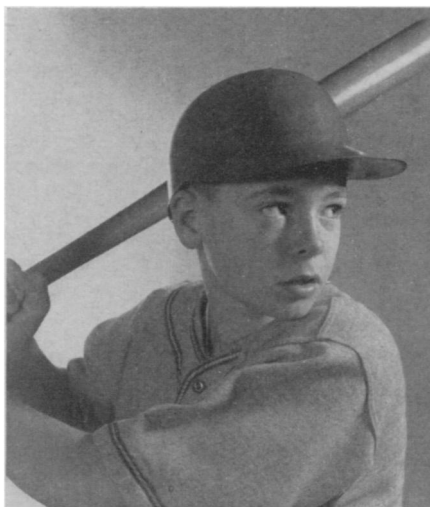
🌀 **SINGLE-PORTION POUCHES** for mustard or ketchup are made of cellophane, coated with polyethylene. A perforated notch permits user to open and then squeeze just enough spice onto his hamburger or hot dog. Pouches can also be used for other foodstuffs or liquid preparations.

Science News Letter, March 26, 1955

🌀 **FLEXIBLE DISHPAN** made of rubber protects both dinnerware from breakage and sinks from being marred. Available in round or rectangular shapes, the dishpan can also be used around the house for laundering or cleaning.

Science News Letter, March 26, 1955

🌀 **BASEBALL CAP** for junior leaguers is made of tough plastic to give protection similar to that of the major league caps. Available in a range of sizes and in red, navy or royal blue, the chip-proof plastic head covering, shown in the photograph,



has a rubber headband and an inside cushion for added protection from pitched, thrown or batted balls.

Science News Letter, March 26, 1955

🌀 **POLYETHYLENE TAPES** are reinforced with glass. The pressure-sensitive tape has a tensile strength of 150 pounds per square inch of tape width and grips immediately upon contact. The non-pressure-

sensitive tape has a 100-pound tensile strength and is activated by hand pressure after heating to from 275 degrees to 600 degrees Fahrenheit.

Science News Letter, March 26, 1955

🌀 **SCREEN KIT** for the do-it-at-home enthusiast contains all the materials needed to assemble and hang a light-weight, durable window screen of any size. Containing full frames of aluminum and screen cloth of vinyl-coated Fiberglass, the kit also has a mitre box to permit sawing of the aluminum.

Science News Letter, March 26, 1955

🌀 **WATER-REPELLENT SUEDE** leather for milady's clothes retains its natural hand or drape in snow or rain. Treated with silicones, the new leather is described as being capable of resisting abrasion, wrinkles, shrinkage and tearing.

Science News Letter, March 26, 1955

🌀 **BANDSAW TABLE** with a telescoping leg enables operators to change cutting angles precisely and instantly even while saw is in motion. The telescoping leg is a length of threaded drill rod which fits inside a sleeve made of 1/4 inch tubing. An adjusting wheel lengthens or shortens the rod as desired.

Science News Letter, March 26, 1955

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Do You Know?

There are about 87,000,000 poles in the nation's power and communications lines.

Electricity produced by United States utilities in one week exceeded 10,000,000,000 kilowatts for the first time.

The Defense Department is now using electronic computers for quick, accurate determination of low bidders on contracts.

The number of fires in national forests during 1954 dropped 12% from the previous year.

The suicide rate in the United States dropped to an all time low in 1954 of 5.5 per 100,000, insurance records show.

Pupils who did not eat breakfast were found to have a significantly lower maximum work rate and work output in late morning hours than those who did.

An evaluation of a nuclear power plant that uses liquid uranium-bismuth alloy as fuel is underway at an Atomic Energy Commission laboratory.