

• New Machines and Gadgets •

For sources of more information on new things described, send a self-addressed stamped envelope to SCIENCE SERVICE, 1719 N St., N.W., Washington 6, D. C., and ask for Gadget Bulletin 824. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

⚙️ **DEMONSTRATION KITS** for the classroom show water conservation methods and water pumps. Two available kits let the student build and operate a conservation project tray and water project pumps. The kits are complete with the necessary equipment and manuals of instruction.

Science News Letter, March 31, 1956

⚙️ **WINDOW WALL** is described as the largest horizontal sliding window wall ever designed. Made primarily for apartments, hospitals, office buildings and other large commercial structures, the partition-to-partition aluminum window is made in heights up to five and one-half feet and widths as desired.

Science News Letter, March 31, 1956

⚙️ **MOTORIZED SPIT** for summer barbecues is entirely portable. It can be fitted to any type grill, brazier or fireplace. Capable of holding 20 pounds of fish, fowl or meat, the spit requires no plugs or cords, operating off four standard flashlight batteries. The barbecue aid weighs four pounds.

Science News Letter, March 31, 1956

⚙️ **LAMP SHADES** that look like stained glass windows are reproductions of famous



American church windows, as shown in the photograph. Made of vinyl plastic by a special ten-color process, the shades are available in different sizes for table, television or pin-up lamps. They are scratch- and tear-resistant.

Science News Letter, March 31, 1956

⚙️ **DESK DUPLICATOR** writes names or addresses or any repetitive data up to 13 lines and three inches long. Operating from a master typewritten form which can be filed for future use, the duplicating machine works by the same rotary printing action as conventional liquid duplicators.

Science News Letter, March 31, 1956

⚙️ **TWINKLE LAMP** provides firefly-like lighting effect for indoor or outdoor parties. The scintillating colored lighting is emitted from a self-flashing lamp the size of the smallest Christmas bulb. Available in red, yellow, green and blue, the bulb is designed for use in transformer-operated string sets.

Science News Letter, March 31, 1956

⚙️ **MAGNETIC LEVEL** for the amateur or professional craftsman will hold securely on ferrous metals at any angle on either flat or curved surfaces. With built-in permanent magnets, the aluminum level weighs ten ounces and has a plastic dial for reading.

Science News Letter, March 31, 1956

⚙️ **ROLLER SKATE** specifically designed for the toddler is a non-ball bearing type with rubber wheels mounted directly on the axle. It has no key to lose or toe clamps to tighten. The skate also has red ankle straps.

Science News Letter, March 31, 1956

"Here is a volume to justify the publisher's hope that it may be a useful step toward bridging the gap between science and the humanities . . ."

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Do You Know?

Egg production is highest from hens kept at about 55 degrees Fahrenheit and 70% relative humidity.

The Arctic Ocean is slightly less salty than other oceans.

Virtually all modern dyes and pigments are synthetic, many of them prepared from coal tar.

A French electric locomotive broke the world's record for rail travel last year with a speed of 205 miles per hour.

Suet is the most universally accepted food offered wild birds at feeding stations.

In the 16th century, the rod was decreed to be the total length of the left feet of the first 16 good men and true who emerged from church on Sunday morning.

Pelicans are almost voiceless.

Mosquitoes are the principal carriers of equine sleeping sickness.