

• New Ideas and Gadgets •

Ask for Gadget Bulletin 1359 for source information. Send self-addressed, stamped envelope to SCIENCE NEWS, 1719 N St., N.W., Washington, D.C. 20036.

⚙️ **SPRAY ENAMEL KIT** for renewing appliances will help to quickly and easily transform a kitchen into copper tones. The kit containing two aerosol spray cans, one to provide a copper-tone base coat and the other to spray on shadow around the edges, is also useful for coating furniture and fixtures. The finish which will not chip, peel or crack is also resistant to harsh chemicals and cleaning agents.

• Science News, 90:16 July 2, 1966

⚙️ **SIX-WHEEL SCOOTER** will provide summer fun for children. Made of clear white pine boards, the scooter has ball-bearing wheels. Painted red, white and blue, the scooter has four wheels to support the platform and two in front attached to the handle.

• Science News, 90:16 July 2, 1966

⚙️ **STURDY SCRAPER** for laboratory and plant is made of stainless steel. The scraper, curved and flattened on the end, can reach into even narrow-mouthed glass and metallic containers to scrape and remove solids and semi-solids. The handy tool which is also available with Teflon coating, has a wooden handle that screws on for easy replacement. Blades are available in 12, 18, 24 and 30-inch lengths.

• Science News, 90:16 July 2, 1966



⚙️ **BOTTLE HOLDER**, shown in photograph, attaches to any baby seat and allows the child to feed himself without a mother's constant attention. When the baby wishes to stop feeding, the bottle held securely, will not drop to the floor nor will it be in the baby's way. Any size and shape of bottle may be used with the holder which will fit any baby or infant seat. The holder can be adjusted readily as the baby grows.

• Science News, 90:16 July 2, 1966

⚙️ **UNDERWATER LIGHT** that can be used at depths down to 700 feet is useful to skin divers, fishermen, boaters, campers, hunters and fire and police departments. The housing of the six-volt battery-powered light is completely sealed and buoyant, and its sealed-beam lamp provides a concentrated circle of light with a power beam for distance.

• Science News, 90:16 July 2, 1966

⚙️ **DISPOSABLE GLOVES** are made of soft, pliable polyethylene which molds to the contour of the user's hands. Especially designed for protection against corrosives, acids, curing agents, allergens and other skin irritants, they are particularly useful for persons working in electronics assembly and encapsulation. The gloves come boxed in small, medium and large sizes.

• Science News, 90:16 July 2, 1966

⚙️ **NUMERAL CLOCK** is an electric timepiece that tells time without hands. The clock, which makes time-telling easier, especially for young children, eliminates guessing and approximations by giving direct readings of hour, minutes and seconds in numerals. Convenient for home or office, the clock comes in white or walnut case.

• Science News, 90:16 July 2, 1966

• Doctors Are Reading •

Boy Dies of Plague

➤ A FIVE-YEAR-OLD Navajo Indian boy in southeastern Utah has died of plague, the U.S. Public Health Service's Communicable Disease Center, Atlanta, Ga., reported.

The child lived near the Arizona and New Mexico areas where cases of both human and rodent plague were reported in 1965. Investigations to detect other cases of human plague and any evidence of excess rodent mortality in the vicinity are underway, the Morbidity and Mortality Report for the week ending June 11 said.

The plague is transmitted primarily by fleas and other parasites carried by plague-infested rodents, particularly the black rat, but it also can be communicated from patient to patient. Often referred to as bubonic plague because of buboes, or inflammatory swellings in the lymph glands, especially in the groin, it can also take other forms.

In the pneumonic form it attacks the lungs, causing swelling and an excess of fluid. Septicemic plague infects the blood stream, causing death in a matter of two or three days.

• Science News, 90:16 July 2, 1966

Crash Helmets Advised for Cyclists

➤ **CRASH HELMETS** and other safety precautions are advised to cut down on the growing number of deaths and accidents among motorcycle riders. There were 882 motorcycle deaths in 1963, leading to an estimate of far more than 1,000 deaths in 1965.

First-hand experience with victims of motorcycle acci-

dents treated at the Maine Medical Center in Portland, Maine, led to warnings from three doctors in the Journal of the American Medical Association 106:1045, 1966. From May through August last year, 38 young persons underwent treatment and three of them died.

So many suffered injuries that it was difficult to classify the damage in these accidents, the doctors said. One is blind and paralyzed. Ten suffered fractures of the lower extremities. There were two spinal fractures, two severe abdominal injuries and nine cases of major injury to the head and neck.

The physicians called for carefully supervised motorcycle driver training programs by states, with meaningful road tests and rigid inspection and licensing rules.

• Science News, 90:16 July 2, 1966

Morning Cough Indicates Cancer Risk

➤ A **SMOKER** with a persistent morning cough runs a considerably higher risk for both lung cancer and bronchitis than a person with the same smoking habits and no cough, Dr. Geoffrey Dean of Eastern Cape Provincial Hospital, Port Elizabeth, South Africa, said in the British Medical Journal, June 18, 1966.

Dr. Dean reported a study of lung cancer and bronchitis in Northern Ireland. His conclusions included the fact that heavy smokers with chronic morning cough, who lived in Belfast and worked at partly skilled or unskilled occupations, had the highest death rates for both lung cancer and bronchitis.

Bronchitis was the cause of almost twice as many deaths in Northern Ireland as lung cancer.

• Science News, 90:16 July 2, 1966