

15¢

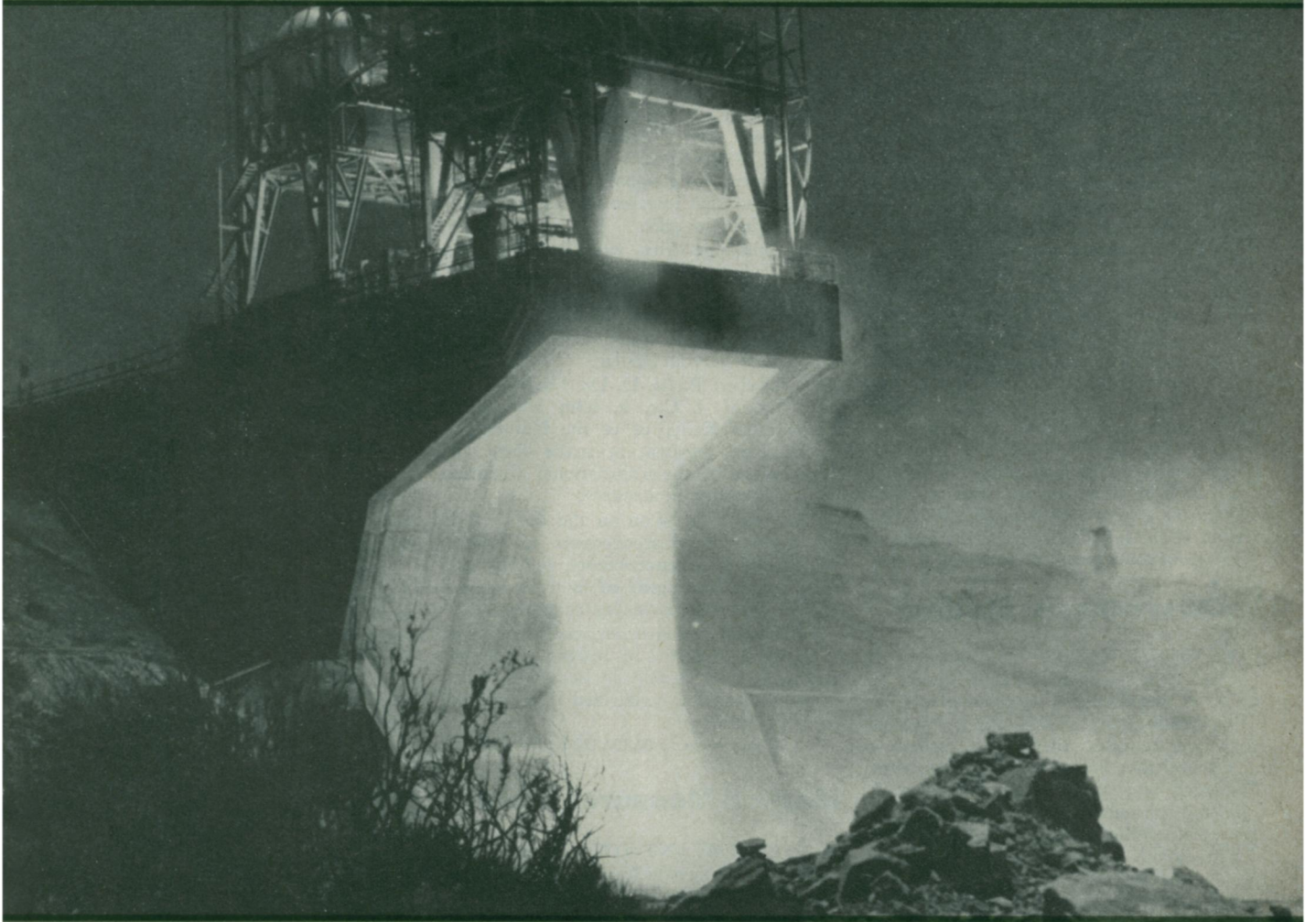
\$5.50 A YEAR

August 26, 1961

VOL. 80, NO. 9 PAGES 129-144

SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE



Rocket Engine Tested

See Page 134

A SCIENCE SERVICE PUBLICATION

HINT TO PARENTS

Give Your Child a Head Start in Science

Many parents tell us that children get special attention from teachers when they do experiments with THINGS of science. Give your child this marvelous opportunity to prepare for science in school with these kits that are so much fun!

A Special Collection

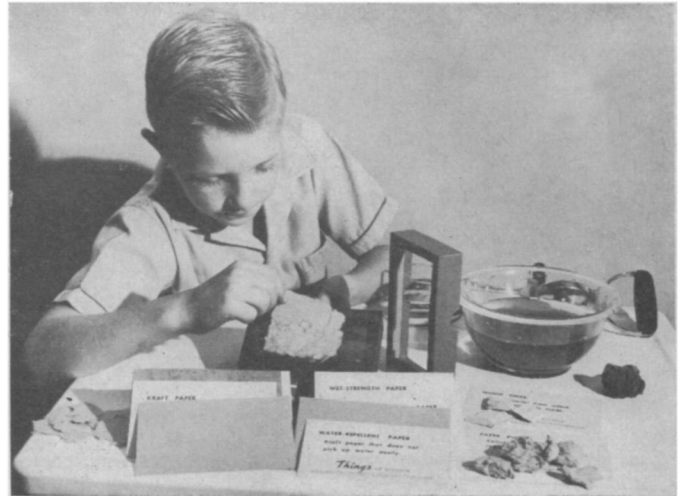
of *Things* of science Kits

Materials and Directions for

195 experiments

Yours for only \$6.49

postpaid U. S.



"My son took the latest THINGS kit to school with him, and his teacher was so pleased she sent word home asking could I possibly obtain another which she might keep as a permanent teaching aid."

Physics, Chemistry, Biology, Mathematics Represented in 67 Different Specimens and Materials in This Special Collection of Kits Sufficient to Start a Basic Laboratory or Museum in Home or School

Read What Is Contained in These 12 Kits . . . Imagine the Thrill of Using Them!

Significance of the Pendulum—Materials to construct plumb lines, timing devices, balances, a ballistic pendulum. Foucault and Wilberforce pendulums . . . fourteen experiments!

The Art of Lapidary—The 21 experiments in this unit acquaint the student with the nature of 8 semiprecious stones. Materials are also included for grinding and polishing—a marvelous introduction to an ancient art.

Cabbages and Hollyhocks Are Sensitive?—Learn how to determine acidity or alkalinity of solutions with test papers, fruits, flowers and even vegetables . . . an introduction to chemical indicators.

Magnetism—The purpose of this kit is to demonstrate the nature of magnetic force and recent developments in its use. Sixteen experiments can be performed with the materials provided.

Make Your Own Telescopes—The principles of refraction are given practical application in this

experimental kit which provides materials for making two different types of telescopes and a two-lens magnifier.

Making Mistakes in Arithmetic?—Addition and subtraction, multiplication and division can be easily learned, but errors can just as easily be made. This kit was designed to illustrate three simple computing devices.

Chemical Models—Over 100 molecular models of organic compounds and 5 atomic models can be made from the materials in this kit. Designed to introduce three-dimensional concepts of atoms and molecules.

Monocotyledons and Dicotyledons—All plants but different in the way they grow. You can watch the wonder of the unfolding of the new life in the seeds by sprouting the carefully selected specimens. A first step in botany.

Static Electricity—Sparks from your fingertips when you walk across a carpet and touch metal? On a cold, dry day you can experi-

ment with the phenomena of static using the materials in this unit. Gives understanding of some of the fundamental facts of physics. 17 experiments.

Make Your Own Electric Motor—No better way to understand how electricity does work and the role played by magnetism. Full assembly directions of all parts—20 of them.

Stars and Constellations—Can be located and observed with the aid of this star-finder. Planet table allows you to locate other members of the solar system. Make a simple planetarium. A first step to astronomy study. 10 experiments.

Exotic Butterflies—Unusual imported specimens of colors and species not seen in the United States. Discover the world of Papilionoidea. A starting collection for a young biologist. Yellows, reds, iridescent grays and browns—from Taiwan. Full scientific descriptions. 11 experiments.

To Science Service, 1719 N St., N.W., Washington 6, D. C.

Please send _____ collections of THINGS of science (12 experimental kits) @ \$6.49.
() \$ _____ enclosed () Please send bill.

Name _____ Title _____

Address _____

City, Zone, State _____

MAIL COUPON NOW!

T12-A

Parents—A helpful educational present for son or daughter—or niece or nephew.

Teachers—Here is the chance to get these valuable teaching aids while they are still available.

Students—Not only will these experiments be fun, but they will provide a good start on science projects for clubs and fairs.