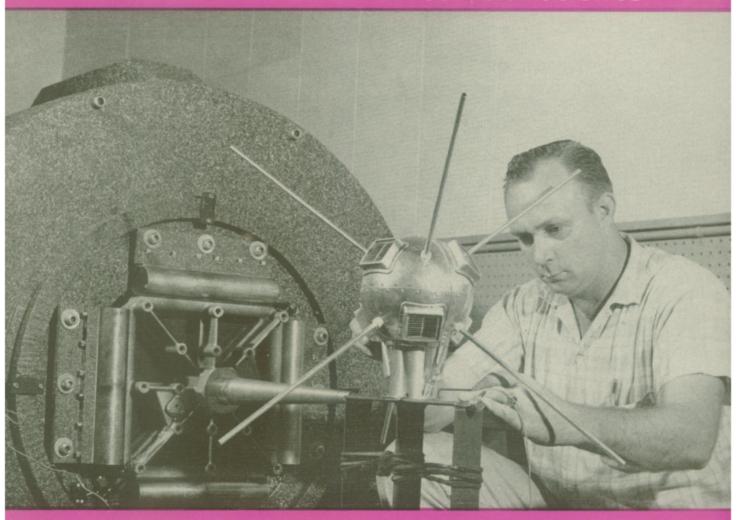
# SCIENCE NEWS LETTER



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THE WEEKLY SUMMARY OF CURRENT SCIENCE



**Test Satellite** 

See Page 375

A SCIENCE SERVICE PUBLICATION

For Problem-Solving ... Experimentation ... Teaching ... or Just Fun

## BUILD YOUR OWN ELECTRIC BRAIN MACHINE IN JUST A FEW HOURS!

Remarkable 400-Component Construction Kit Enables You To Create Any of 33 Brain Machines! Build LOGIC MACHINES That Compare, Reason, Test Intelligence; ARITHMETICAL MACHINES (Binary & Decimal); GAME-PLAYING MACHINES (Tic-Tac-Toe, Nim, etc.)

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1957 GENIAC KIT CONTAINS (1) a complete 100-page text, "Minds and Machines"—a basic introduction to computers. (2) "How to Construct Electrical Brains at Homes"—a fully illustrated text book on basic computer design theory and circuits with specific instructions for building 33 circuits. (3) Wiring Diagram Manual. A special booklet with full scale diagrams. (4) Beginners' Manual. Manual—fifteen extra experiments to teach the basic symbols of electric circuits. (5) Over 400 components and parts.

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#### SELF-CONTAINED COURSE IN COMPUTER DESIGN

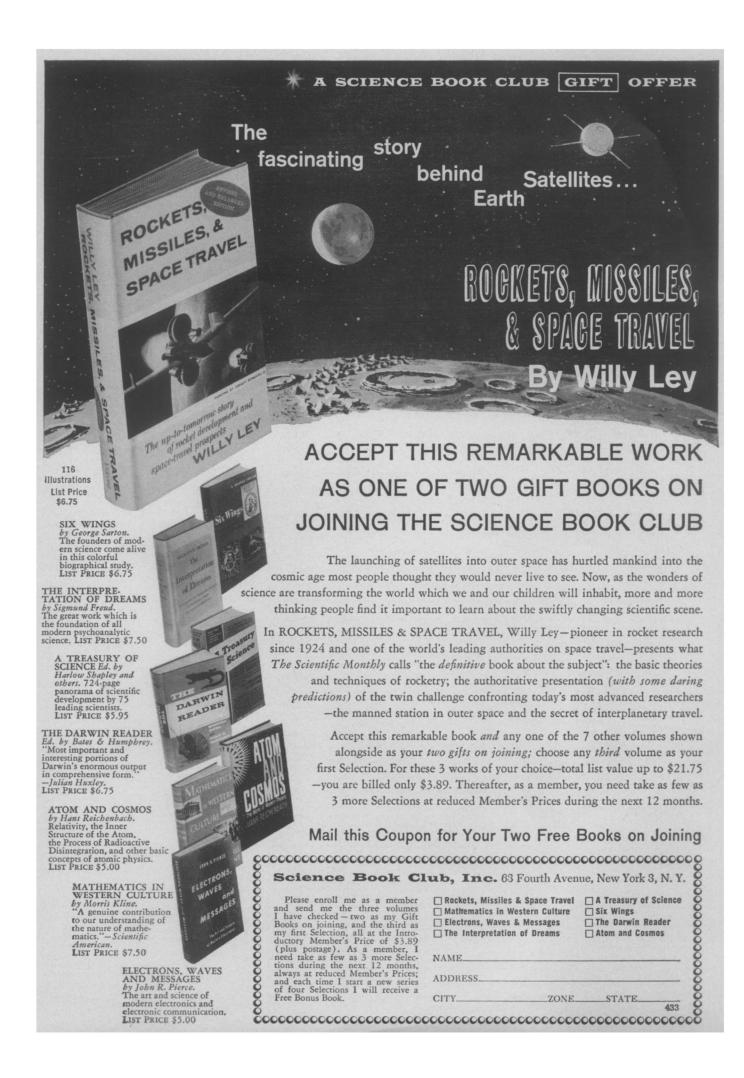
Each GENIAC comes as a self-contained course in computer design. All instructions are so simple that we have records of intelligent twelve-year-olds designing factoring machines and puzzle-solving circuits—while hundreds of schools and industrial training programs have incorporated our kits in their curricula.

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#### Chrome Vanadium 29-piece DRILL SET



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Now—siphon any liquid automatically, safely. WITHOUT putting tube to mouth! Squeeze bulb, liquid starts to flow immediately! Transparent sections let you see liquid flowing! Siphons, pumps gasoline, water, any liquid. Even acids, corrosives! For cars, boats, power mowers, campers, plumbers, doctors, chemists, factories; Acid resistant. Over 7 ft. long.

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Does away with old-fashioned, time-wasting, tiring, finger-bruising nails. Now, you can drive a staple, actually a 2-2 prong nail, into the hardest of woods, and even soft metals just as fast as you've nailed it .. easily, swiftly and surely, using only one hand while other hand is free to hold work. Same gun uses 4 different size staples supplied individually boxed with kit—½", "", "," and 9/16". . sizes to do most any job. Also included is data chart on what sizes and styles to use for various type jobs. An essential kit for hobbyists, home-owners, builders, insulators, woodworkers, upholsterers, etc.

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WATERPROOF, RESISTANT TO DUST, AIR, GREASE. UNAFFECTED BY HEAT, COLD.

Protects from dust, dirt, moisture, rust, moths, heat, cold, etc. Transparent! Stains wipe off! Lightweight, strong, inexpensive!

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