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THE WEEKLY SUMMARY OF CURRENT SCIENCE



Water Everywhere

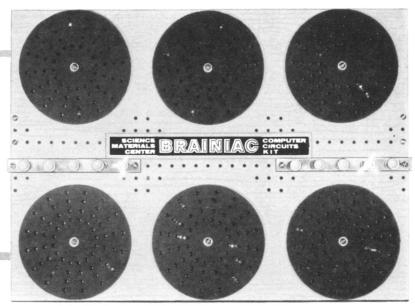
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A SCIENCE SERVICE PUBLICATION

NOW YOU CAN EASILY

Perform 50 Fascinating Experiments With Computing and Reasoning Circuits

New, Improved BRAINIAC K-30 "Electric Brain" Construction Kit!



- ★ Designed Exclusively for the Science Materials Center
- * Assembles Quickly and Easily without Soldering
- ★ New Easy-to-read Manual Details 50 Fascinating Projects for a Basic Introduction to Computing and Reasoning Circuits
- ★ No Previous Electrical Knowledge Required

An engineer must design a machine that automatically will make change for a dollar, half-dollar, quarter, or dime when a button is pressed by a cashier. What is the electrical circuit for such a machine?

This is only one of the dozens of intriguing problems in logic, reasoning, and mathematics you can set up and solve in a short time with the new BRAINIAC K-30 KIT.

Distributed exclusively by the Science Materials Center, BRAINIAC K-30 is an improved version of the famous Brainiac "electric brain" construction kit – especially adapted by its originator, Edmund C. Berkeley, author of Giant Brains or Machines that Think, and editor of Computers and Automation magazine.

EXCLUSIVE NEW STEP-BY-STEP MANUAL

An easy-to-read, illustrated, step-by-step manual is included with every BRAINIAC K-30—and this, for the first time, actually puts BRAINIAC's circuitry within the grasp of an alert twelve year old, and provides teen-agers and adults with many rewarding hours of problems and experiments.

BRAINIAC K-30 is easily assembled with nuts and bolts (no soldering required) and contains new, patented wipers and multiple switches, enabling you to turn on and off as many as twenty circuits at a time. Here, indeed, is a veritable open door to the basic principles of the sciences of computers and automation.

SPECIAL ADVANCE OFFER — YOU SAVE TWO DOLLARS

The unique BRAINIAC K-30—a thorough introduction to these new, opportunity-rich sciences—will be ready in July, and will regularly sell for \$16.95. By reserving your kit now, you may enjoy the special advance price of only \$14.95—and you must be delighted with your BRAINIAC, or you may return it

and receive your money back in full. Take advantage of this, \$2.00 saving by returning the convenient coupon today.

Some of the interesting circuits you can construct with your BRAINIAC K-30 Kit

- LOGIC
- 5 basic circuits
 Elementary reasoning machine
 Farnsworth car
 pool
 Bruce Campbell's
 will
- Guessing Helen's age
- BINARY NUMBER SYSTEM
 Simple adding machine
 Expressing numbers 1-10 with

4 lights

 SWITCHING CIRCUITS
 Automatic elevator Timothy's mink traps
 General alarm
Signalling systems
3-point switching
control

- PUZZLES
 Cider pouring
 problem
 Magic square
 Four and four
 Cops and robbers
- GAMES
 Fifteen
 Black match
 Tic-Tac-Toe
 Nim
- INFORMATION CIRCUITS Money changing machine
 Squares from 1-16 Prime numbers from 1-100
- ELECTRIC QUIZ
 CIRCUITS
- CODING CIRCUITS
- COMBINATION LOCK CIRCUITS
- AND MANY OTHERS, totaling
 50 experiments

FREE CATALOG



Hundreds of pre-tested science kits, instruments, toys, etc.—age-graded for young people from 4-16—are available through the Science Materials Center, a division of The Library of Science. Here is a central source of reliable, reasonably priced science materials for the teacher, scientist and parent. Check and return coupon to receive your Free catalog.

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Please reserve BRAINIAC K-30 KIT(s). When ready, send my kit(s) for free ten-day examination. Within that time I'll either return them or send my check for the Special Advance

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