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SCIENCE NEWS LETTER



®

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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
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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.

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 - Bruce Campbell's will
 - Guessing Helen's age
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 - 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

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