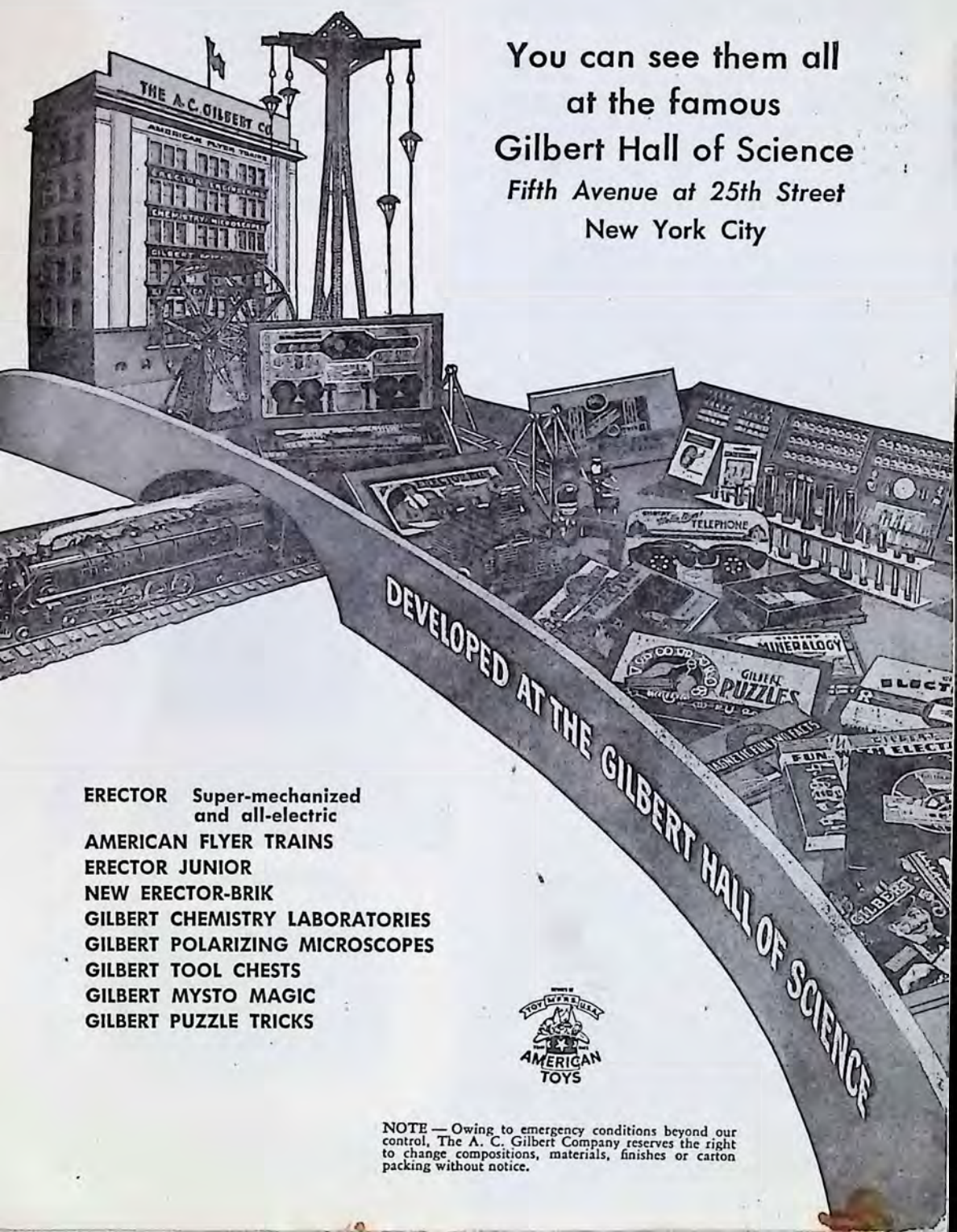


1947 CATALOG

GILBERT SCIENTIFIC TOYS

You can see them all
at the famous
Gilbert Hall of Science
Fifth Avenue at 25th Street
New York City

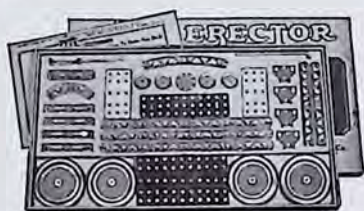


ERECTOR Super-mechanized
and all-electric
AMERICAN FLYER TRAINS
ERECTOR JUNIOR
NEW ERECTOR-BRIK
GILBERT CHEMISTRY LABORATORIES
GILBERT POLARIZING MICROSCOPES
GILBERT TOOL CHESTS
GILBERT MYSTO MAGIC
GILBERT PUZZLE TRICKS



NOTE — Owing to emergency conditions beyond our control, The A. C. Gilbert Company reserves the right to change compositions, materials, finishes or carton packing without notice.

Here's the world's most famous construction toy with the latest improvements—the toy that you've been waiting for all during the war!



No. 2 1/2 ERECTOR

Apprentice Set with big red wheels, curved and long girders, etc. Builds Ferris Wheel, Boom Derrick, Elevator, Cranes, etc. Packed in cardboard box with 5-color label and How-to-Make-'Em Book. Size 18" x 10" x 3/4".



FAMOUS No. 4 1/2 ERECTOR

The set with powerful mechanical motor. No wires, batteries or transformer necessary. Builds horizontal engine, windmill, trip hammer, trucks, etc. Miniature house for bridge tender, ticket seller, watchman, etc. Includes girders, large wheels, base plates, etc. How-to-Make-'Em Book. Packed in cardboard box. Size 18" x 10" x 2 3/8".



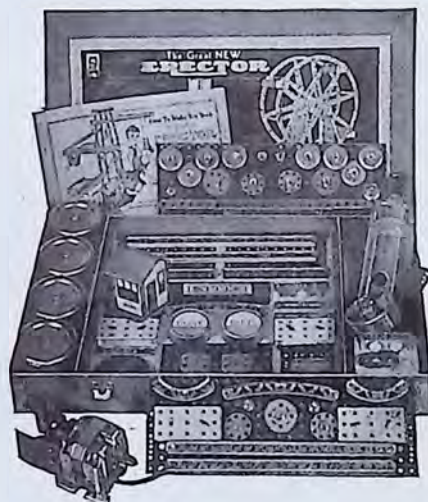
The Sensational No. 6 1/2 ERECTOR

The Set that builds the Airplane Ride. Induction type motored electric engine with gears, pinions, pulleys, etc. Operates on 110 Volts A. C. only. Builds windmill pump, airplane beacon, pile driver, etc. Includes miniature house for bridge tender, ticket seller, watchman, etc. How-to-Make-'Em Book. Packed in hinged cover cardboard cabinet. Size 16 1/4" x 8 3/4" x 2 3/4".



No. 7 1/2 ERECTOR

The Engineer's Set. Builds the Walking Beam Engine. Electric engine with gear shift operates two movements, each of which can be independently stopped, started or reversed. Builds all types of steam engines, trucks, derricks, etc. Includes boiler, large wheels, base plates, gears, pinions, etc. How-to-Make-'Em Book. Packed in blue cabinet. Size 20 3/4" x 13 1/2" x 3 1/2".



No. 8 1/2 ERECTOR

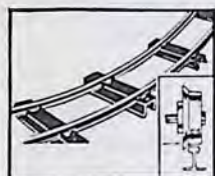
The All-Electric Set. Builds the Basculer Bridge and Ferris Wheel. Has 110 Volt reversing electric engine, whistle and lifting magnet. Builds bridges, oil drilling rig, magnetic cranes, derricks, etc. Includes miniature house, increased number of base plates, girders, etc. How-to-Make-'Em Book. Packed in metal cabinet. Size 20 1/4" x 12 1/4" x 2 3/4".

ERECTOR

Now
Super-mechanized!
Now All-Electric!

AMERICAN FLYER

Brings You These Spectacular New Features



NEW AUTHENTIC 2-RAIL TRACK

Looks Like a Real Right of Way. All new American Flyer trains are engineered to carry the electric current through the wheels, making possible the use of 2-rail track. This new development gives track layouts the realistic appearance of an actual steam railroad and assures a constant flow of current. Also, there is no shoe of order.

The locomotives puff smoke just like real . . . with life-like, realistic sounding "Choo-Choo" . . . both synchronized with train speed.

NEW LIGHTWEIGHT PLASTIC CARS

Less Than 1/3 Weight
of Old Style Cars

Built to 3/16" scale—sturdy—and finished in brilliant, never-fade colors, these new plastic cars are a direct result of the pioneering plastic research done by The A. C. Gilbert Company both before and during the war. They are only one-third the weight of die cast cars—permitting faster pick-up—higher train speeds—and a train length up to fifteen cars.

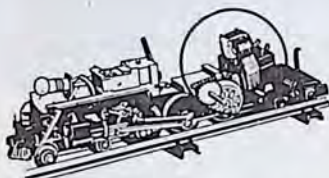


SUPERPOWER WORM DRIVE

A Sensational American
Flyer Development

American Flyer's precision-made worm drive banishes jerky "jack-rabbit" pull and provides smooth, quiet operation of the locomotive at all speeds. Slow speeds can be maintained without danger of stalling. Steady motive power is provided for realistic stopping and starting. And a speed up to 120 scale miles per hour is easily possible.

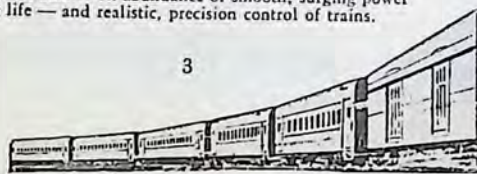
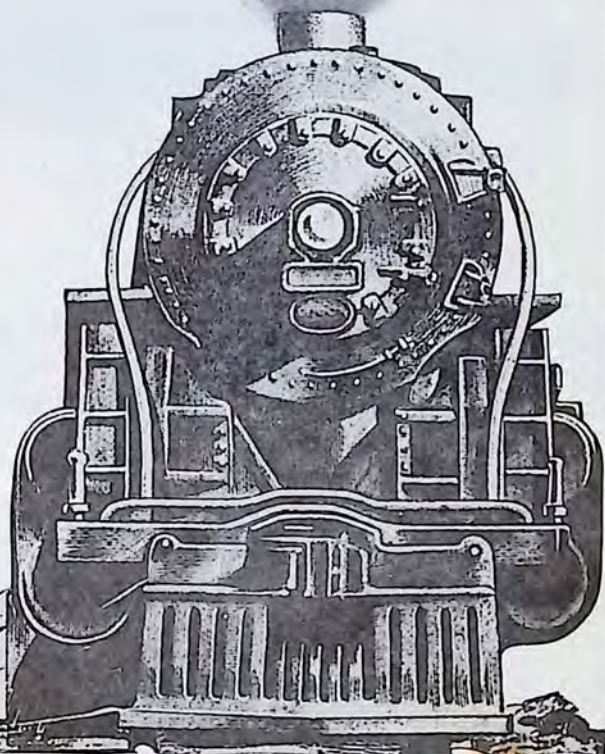
NEW PRECISION MOTOR



Born of experience in building control
valve motors for Grumman Hellcats

Never before have scale model trains been powered with a motor having such an illustrious history as that used in American Flyer locomotives. It is a direct descendant of the hydraulic control valve motors selected for the famous Grumman Hellcats. Time and again these sturdy motors gave the Navy flyer a silent helping hand in winning his fight and making a safe return to his flatop. The motor now used as standard equipment in every American Flyer locomotive is built to the same rigid specifications. Certain parts, for example, are machined to an accuracy of two ten-thousandths of an inch. This modern, finely engineered power plant assures an abundance of smooth, surging power—long life—and realistic, precision control of trains.

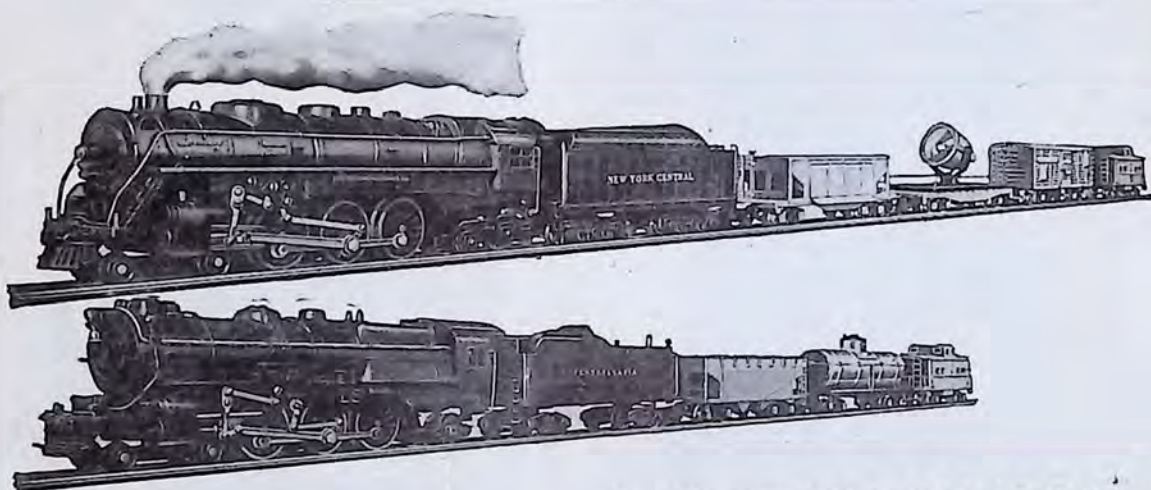
SEE 'EM PUFF
SMOKE
HEAR 'EM
"CHOO-
CHOO"



Railroading with AMERICAN FLYER

HUDSON 4-6-4

- ★ Real Smoke
- ★ "Choo-Choo"
- ★ 3/16" Scale Model
- ★ Superpower Worm Drive
- ★ Remote Control
- ★ Automatic Coupling
- ★ Electric Uncoupling
- ★ Two-Rail Track
- ★ Lightweight Plastic Cars



Here — for the first time — are the trains for which every boy and every scale model railroader has longed . . . trains with real smoke pouring out of the stack and that reproduce the throbbing, tempestuous "choo-choos" of a giant locomotive.

So ingeniously are these thrilling new features engineered that both the smoke and "choo-choos" vary in intensity with the speed of the train.

Lazy wisps of smoke and slow, impatient "choo-choos" when the engine idles . . . a steadily mounting volume of smoke and sound as the train gains speed . . . and finally long streamers of smoke and a fast, furious cascade of "choo-choos" when the locomotive is hitting 75.

No. 4611 New York Central Freight Train

23 pieces. 52 $\frac{3}{16}$ " long. Set consists of: No. 322 Locomotive and Tender with "Choo-Choo" and smoke, 19" long; 716 Automatic Coal Dump Car with Control Box, 7 $\frac{7}{8}$ "; 634 Floodlight Car, 8 $\frac{3}{4}$ "; 629 Cattle Car 7 $\frac{13}{16}$ "; 630 Caboose with Light, 6". Track: 12 No. 702 curved, 1 No. 705 straight with built-in uncoupling device and control box, 1 No. 710 Automatic Track Section, 1 No. 690 Track Terminal.

No. 4605 Pennsylvania Freight Train

14 pieces. 40 $\frac{1}{4}$ " long. Set consists of: No. 312 Locomotive and Tender, 17 $\frac{3}{4}$ " long; 632 Hopper Car, 6 $\frac{3}{8}$ "; 625 Tank car, 7 $\frac{7}{8}$ "; 630 Caboose, 6". Track: 12 No. 702 curved, 1 No. 700 straight, 1 No. 705 straight with built-in uncoupling device and control box; 1 No. 690 Track Terminal.

DEVELOPED AT THE GILBERT
HALL OF SCIENCE

AMERICAN FLYER



JUST PIN-PEG PARTS TOGETHER

WOOD CONSTRUCTION TOY—

For the boy not old enough to use a screwdriver. Here are the basic features of Erector in a form so simple that millions of boys in an age group previously considered too young for the famous steel construction toys can now enjoy all the fun and thrills in model building.



Simplified assembly — the adaptation of patented pin-pegs, eliminating nuts, bolts and screwdriver and substitution of wood for steel makes this the ideal construction set for young model builders.



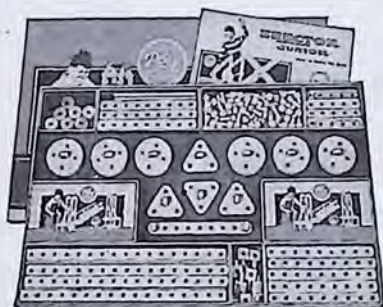
No. 1 ERECTOR JUNIOR

Four wheels, axles, base block, assortment of 5, 9 and 17 hole strips together with pins for building trucks, carts, windmill, truss bridges and other interesting models. Just pin-peg parts together — simplest and fastest method ever devised. Packed in 4-color labeled box with illustrated model book. $12\frac{3}{8}'' \times 8\frac{3}{8}'' \times 1\frac{3}{8}''$.



No. 3 ERECTOR JUNIOR

An inclined railway with a car that runs up and down — an actual working boom derrick — and many types of bridges are just a few of the realistic models that can be built from the wide assortment of parts in this set. Teaches basic engineering principles and provides fascinating fun. Packed in 4-color labeled box with illustrated model book. Size $18'' \times 10'' \times 1\frac{1}{4}''$.



No. 5 ERECTOR JUNIOR

Simple enough for very young boys — complete enough for the more advanced model builders. Two large base blocks — hole strips in three lengths — an assortment of long angle and short splicer strips — 6 big grooved wheels, pulleys, gussets, assembly pins of various sizes and types give more than ample parts for building spectacular lift bridge, revolving dock hoist, airplane ride and dozens of other thrilling action toys, shown in illustrated model book which comes with set. Packed in cardboard box with 4-color label. Size $20\frac{1}{2}'' \times 13\frac{3}{8}'' \times 1\frac{1}{4}''$.

ERECTOR

Junior Sets

Developed at
The Gilbert Hall of Science

New ERECTOR BRIK SETS

DEVELOPED AT THE GILBERT HALL OF SCIENCE



No. 1 ERECTOR-BRIK

A great value. Contains liberal supply of whole and half briks and specially designed quick-fitting roof. Colored briks — for more interesting effects. Unique display board illustrates models that can be built. Contents packed in 4-color labeled box. Size $15\frac{3}{4}'' \times 10'' \times 1\frac{1}{8}''$.



No. 2 ERECTOR-BRIK

Advanced set contains all new construction features. Large supply of colored briks in whole, half and quarter sizes. Quarter briks are triangular. Yellow wooden beams in four lengths, can also be used for floor joists. Green wood roof sections are bevelled, slotted and designed to overlap. Special roof for smaller models. Packed in 4-color labeled box with illustrated model book. Size $20\frac{1}{2}'' \times 13\frac{3}{8}'' \times 2''$.



No. 5 ERECTOR-BRIK

Deluxe outfit. Big assortment of briks in whole, half and quarter sizes and sufficient accessory parts for elaborate models. Transparent windows in different sizes. Ample supply of yellow wooden beams which range in length with 3, 4, 5 and 11 knob holes. Roof and ridge sections made of wood — painted green — bevelled, ridged and slotted to slip over briks. Special quick-fitting roof for small buildings. Illustrated plan book. Packed in 4-color labeled box. Size $20\frac{1}{2}'' \times 13\frac{1}{8}'' \times 3\frac{1}{4}''$.



NEW POSTWAR GILBERT CHEMISTRY LABORATORIES

Nationally famous as
"The Kind that Brings Boys
Fame and Big Awards."

See These Wonderful New Features!

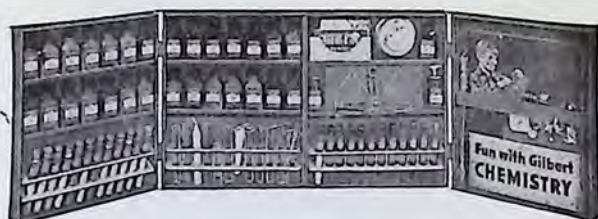
- 1 — All metal construction — rugged and easy to carry.
- 2 — Each section designed as complete laboratory with trays and racks.
- 3 — Tip racks for test tubes, for easier handling of test tubes.
- 4 — Brown, lightproof bottles such as used for fine pharmaceuticals.
- 5 — Rectangular shaped bottles and shelf spaces, holding bottles with label side out.
- 6 — Postwar chemistry book. Over 100 pages profusely illustrated; large type. $8'' \times 10''$ page size with stay-open binding. Edited by Prof. Treat B. Johnson, distinguished Yale professor, author of hundreds of publications in the field of organic chemistry, member of the National Academy of Sciences, the National Research Council, the American Chemical Society, the American Institute of Chemists, and other scientific organizations.



No. 1 CHEMISTRY SET

Beginner's Outfit

23 pieces of chemicals and apparatus are included in this set which is packed in a 4-color labeled box. Size $15\frac{3}{4}'' \times 10'' \times 1\frac{1}{8}''$. Manual of instructions shows how to do 151 experiments.



No. 10 CHEMISTRY SET

Inventor's Laboratory

When closed this four-compartment blue metal cabinet measures $18\frac{7}{8}'' \times 2\frac{1}{2}'' \times 11''$ but when extended and open for use it measures $40'' \times 1\frac{1}{4}'' \times 11''$. Set contains 99 chemicals and apparatus including scale which is suspended from bar on cabinet door. 491 experiments can be performed with this advanced set and the new large manual explains how.



No. 2 CHEMISTRY SET

Junior Laboratory

Set contains 26 pieces of chemicals and apparatus all packed in two-compartment blue metal cabinet. Folded size, $9\frac{3}{8}'' \times 11'' \times 2\frac{1}{2}''$. Size when open, $19'' \times 11'' \times 1\frac{1}{4}''$. The 223 experiments that can be performed with this set are explained in new large manual.



No. 15 CHEMISTRY SET

Master Scientist's Laboratory

145 pieces of chemicals, minerals and apparatus included in this deluxe blue metal six-compartment cabinet which measures $57'' \times 1\frac{1}{4}'' \times 11''$ when opened for use. Cabinet folds down to $18\frac{7}{8}'' \times 3\frac{3}{4}'' \times 11''$, convenient for storage. Right hand door of cabinet equipped with suspension bar for scale which is included in the set. New large manual of over 100 pages explains how to do the 526 experiments that can be performed with this set.



No. 6 CHEMISTRY SET

Senior Laboratory

This three-compartment blue metal cabinet measures $28\frac{7}{8}'' \times 1\frac{1}{4}'' \times 11''$ when open, displaying 62 pieces of chemicals and apparatus which are included in the set. Cabinet folds to $9\frac{3}{8}'' \times 3\frac{3}{4}'' \times 11''$. New big manual explains how to do the 389 experiments that can be performed with this set.

GILBERT CHEMISTRY LABORATORIES

*Developed at
The Gilbert Hall of Science*

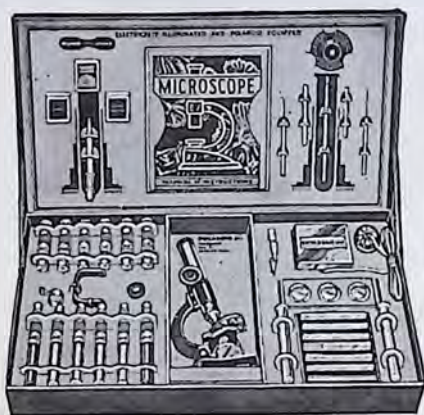
See Nature's Secret Colors Tremendously Magnified

They "open the door to a new wonderland of Nature's Hidden Colors." The invisible becomes visible! Startling colors, otherwise invisible, blaze forth under polarized light in gorgeous effects. Stems of plants, fish scales, crystals, wing cases of beetles, sections of minerals, human hair, natural fibres—all are found to have beautiful natural colors. The colors have always been there, but ordinary microscopes do not reveal them—only through a Polarizing Microscope can they be seen.



No. 2 MICROSCOPE SET

Contains Polaroid, Jr. and 150 power Microscope with tilting device, wheel focusing, spring clips on both sides of stage to hold slide and polarizer. Scope has adjustable mirror, glass slides, specimens, cover glasses, dissecting needles and manual—included in set. Packed in cardboard cabinet. Size $13\frac{1}{2}'' \times 9\frac{1}{2}'' \times 2\frac{1}{4}''$.



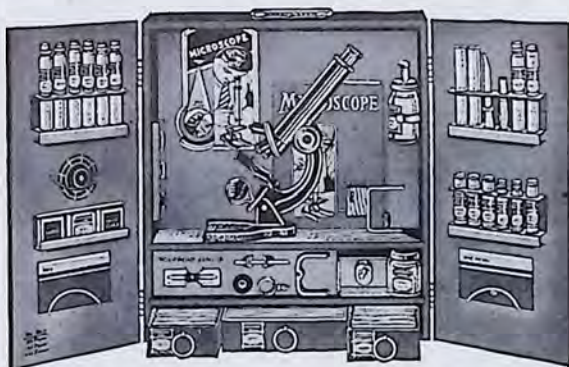
No. 6 MICROSCOPE SET

Equipped with Polaroid Jr. Scope has high resolving power with three separate objective lenses for magnifications of 50, 90 and 210 diameters. Rubber friction focusing. Set contains apparatus, chemicals and equipment including slides, specimens, stains, 3-hole mixing tray, dissecting stand with magnifying lens and an illustrated manual showing how to do 213 experiments. In cardboard box. Size $18'' \times 10'' \times 2\frac{1}{2}''$.



No. 10 MICROSCOPE SET

A handsome presentation outfit in professional type wooden cabinet. 110-150 power Microscope showing wide field in clean detail. Splendid optical system. Features Polaroid Jr. analyzer and polarizer. Microscope has rack and pinion focusing with two wheels, tilting arrangement and draw tube. $11\frac{1}{2}''$ extended. Black finish with chromium trim. Set includes unusually complete illustrated manual of things to do. 3-piece magnifying unit, 2 dissecting needles, vials of chemicals and stains, prepared slide and extra glass slides, specimens, labels and cover glasses. Packed in wooden cabinet. Size opened $14\frac{1}{2}'' \times 20'' \times 3\frac{7}{8}''$.



No. 15 MICROSCOPE SET

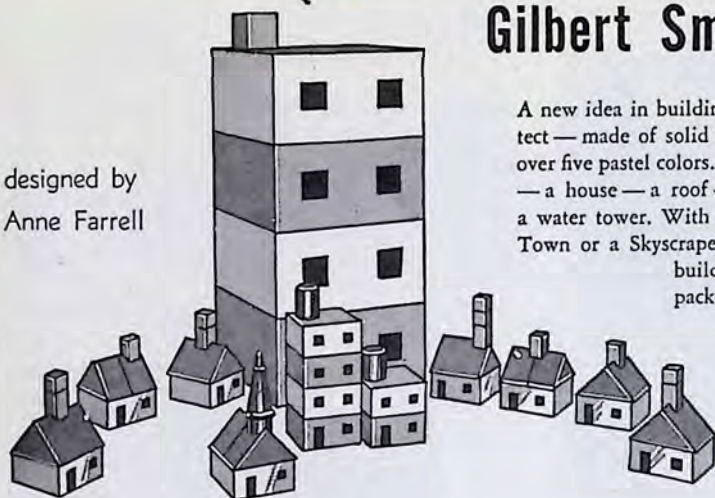
Deluxe outfit in wooden cabinet featuring Polaroid Jr., analyzer and polarizer. Contains professional type Microscope equipped with three different objective lenses mounted in turret giving from 95 to 400 power with tube extended, also intermediate range. Set has bench micrometer, alcohol lamp, adequate supply of specimens and all the equipment included in Set No. 10. Really a complete set for advanced work. Size opened, $14\frac{1}{2}'' \times 26'' \times 3\frac{7}{8}''$.

GILBERT MICROSCOPE SETS

*Developed at The
Gilbert Hall of Science*

Gilbert Small Fry Blocks

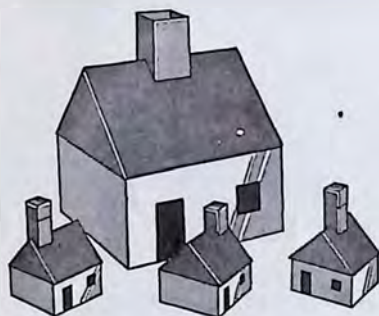
designed by
Anne Farrell



A new idea in building blocks for the kindergarten architect — made of solid wood with high gloss lacquer finish over five pastel colors. Blocks made in only five basic forms — a house — a roof — a chimney — a church steeple — a water tower. With these he can build a Village, a Big Town or a Skyscraper City — a simple way to construct buildings he is familiar with. Each set packed in a big cardboard package that looks like a little wooden house, attractively colored. Blueprints included to suggest ideas for parents.

4F SKYSCRAPER BLOCKS

Packaged in a colorful four story Skyscraper Box, 20" x 10" x 10". Contains 40 blocks $3\frac{1}{4}" \times 3\frac{1}{4}" \times 1\frac{1}{8}"$.



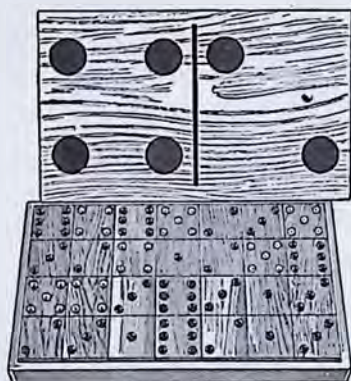
2F VILLAGE BLOCKS

Packaged in a pink village cottage, 10" x 10" x 5". Contains 12 blocks, $3\frac{1}{4}" \times 3\frac{1}{4}" \times 1\frac{1}{8}"$.



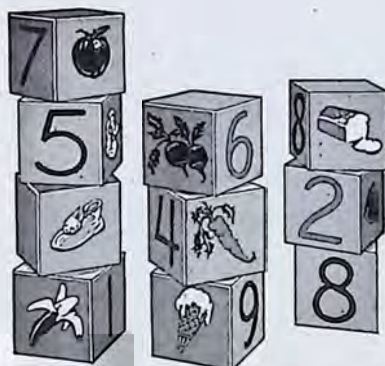
3F BIG TOWN BLOCKS

Packaged in a two story Big Town house of four colors, 10" x 10" x 10". Contains 20 blocks $3\frac{1}{4}" \times 3\frac{1}{4}" \times 1\frac{1}{8}"$.



10F DOMINO BLOCKS

Gilbert Small Fry Domino Blocks are made of blonde hardwood, with bright colored dots — beautifully lacquered. Colossal in size, each being $4\frac{1}{2}" \times 2\frac{1}{4}" \times \frac{7}{8}"$. 28 dominoes packed in a giant domino box $16\frac{3}{4}" \times 9\frac{3}{4}" \times 2"$. Intriguing to older children and grown-ups as well as to small fry.



5F RECOGNITION BLOCKS

Educational blocks made of solid wood with high gloss washable finish. Large size, $3\frac{1}{4}"$ square, aids baby's first attempt at building. Numerals 1 to 10 in 10 different colors and pictures of things he already knows. 10 blocks to a set.

GILBERT MYSTO MAGIC SETS



No. 1 GILBERT MYSTO MAGIC

Ten tricks for the pocket or stage. Simple and easy to perform, including the famous and mysterious Photo-plasmic Mystery, Cut and Restore Paper Ribbon, Multiplying Cards, Multiplying Coins, Vanishing Handkerchief, Buddha Money Mystery, Phantom Card Trick, Galloping Dime, Hiding Chessman, Spiral Wire Illusion. Size 18" x 10" x 1 1/4".



No. 2 GILBERT MYSTO MAGIC

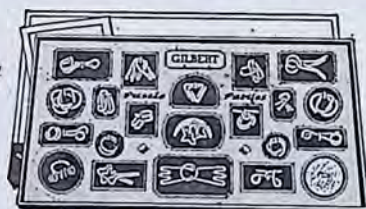
Contains 12 startling and mystifying tricks including Famous Ming Toy Laundry Ticket, Mysterious Vanisher, New Ace Trick, Sphinx Card Trick, Multiplying Billiard Balls, Jumping Peg, Svengali Mind Reading Wonder, Mysterious Linking Rings, etc. Includes make-up kit of mustache and goatee and poster. Simple, effective, up-to-date. Can be performed anywhere from the drawing room to the stage. Packed in cardboard box. Size 20 3/8" x 13 3/8" x 1 1/4". New, attractive, sensational 4-color label.



No. 5 GILBERT MYSTO MAGIC

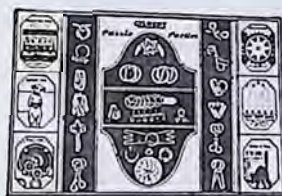
Contains an assortment of mystifying tricks by the world's greatest magicians including Famous Dice in the Box Mystery, Magician's Rhapsody, Glass and Bottle Transposition, Handkerchief Casette Trick, Drum Head Tube Trick, Acrobatic Wedding Ring, Vanishing Handkerchief Trick. Contains Magic Manual, Handkerchief Manual, Knots and Splices Manual that describe many additional tricks. Make-up kit includes mustache, goatee and poster. Packed in hinged cover cardboard box with attractive new label. Size 20 3/8" x 13 3/8" x 2 1/2".

GILBERT PUZZLE SETS



No. 1032 GILBERT PUZZLE SET

17 fascinating puzzles, instruction book giving details as to solution. Packed in 4-color labeled carton. Size 10" x 18" x 3/4".



No. 1033 Tricks and Puzzles

Contains 20 wire puzzles and six new baffling teasers such as Radio Tube Trick, Hungry Pup Trick, Ring-a-Peg, Ball and Gear, etc. Amusing,

educational, ingenious. Packed in cardboard box, 20 1/2" x 13 1/4" x 1 1/4".

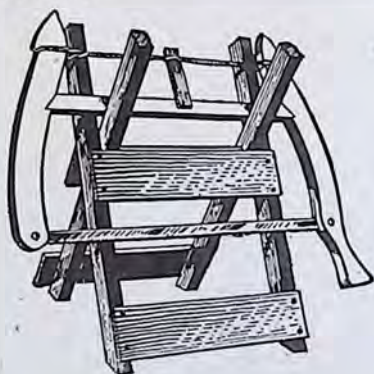


No. 1034 Gilbert Puzzle Tricks

6 clever tricks assembled in 4-color label carton. Highly amusing for grown-ups as well as youngsters. Every trick a teaser that brings fascinating and interesting fun. Size 10 3/8" x 8 7/8" x 1 1/4".

GILBERT BUCKSAW

The Gilbert Bucksaw is scientifically proportioned and constructed for use by a boy. It fits his hand, and the narrow blade, kept at a tension, insures it from bucking and kinking, enabling him to cut through wood with the ease and accuracy of a mechanic cutting through metal with a hacksaw. The horse is specially designed to hold the wood in place at the proper height for the youngster's knee or foot. Unit is collapsible for convenient storage when not in use. Blade is finished in bright red, horse in blue enamel.



No. 4 GILBERT BUCKSAW

- Blade 18" Set
21" long, 15" wide
Finished in bright red
- Horse Open—11" wide x 12" long x 16" high
Closed—11" x 21½" x 18"
Finished in blue enamel

GILBERT TOOL CHEST



No. 5 SPECIAL TOOL CHEST

Fifteen pieces of real practical tools such as 16" Cross-cut Saw, 7" die cast Plane, 6" Level, Brace and Bit, Hammer, Screw Driver, Chisel, etc. Packed in red painted wood chest with corner brackets and hasp. Four-colored label on inside and outside of box. Size 25" x 10½" x 6½".

GILBERT

FATHER and SON WORKBENCH

Another new postwar addition to the line of Gilbert scientific tools. This fine workbench makes for real companionship. It can be used by a boy and his Dad—or by two boys together. It's sturdily constructed of hardwood and has a laminated top. The strong iron vise and large storage drawer with tray for small tools make it ideal for fathers and sons hobbying in woodworking, railroading, aviation and other crafts.



No. C7 WORKBENCH

42" long x 30½" high x 18¾" wide

**DEVELOPED AT
THE GILBERT HALL
OF SCIENCE**

The A. C. Gilbert Company
Director Square
NEW HAVEN 6, CONN.

Sec. 562, P. L. and R.

THE A. C. GILBERT COMPANY
ERECTOR SQUARE
NEW HAVEN 6, CONN.

RETAIL PRICE LIST - NOV. 1, 1946

(For Items Shown in 1947 Toy Catalog)

Page 2

No. 2-1/2 Erector	3.00
No. 4-1/2 Erector	6.50
No. 6-1/2 Erector	9.75
No. 7-1/2 Erector	12.50
No. 8-1/2 Erector	16.95

Page 4

No. 4611 Train	39.95
No. 4605 Train	22.95

Page 5

No. 1 Erector Jr.	1.95
No. 3 Erector Jr.	3.50
No. 5 Erector Jr.	5.95

Page 6

No. 1 Erector Brik	1.50
No. 2 Erector Brik	3.50
No. 5 Erector Brik	5.95

Page 7

No. 1 Chemistry Set	1.50
No. 2 Chemistry Set	2.95
No. 6 Chemistry Set	6.95
No. 10 Chemistry Set	13.50
No. 15 Chemistry Set	22.50

Page 8

No. 2 Microscope Set	2.95
No. 6 Microscope Set	5.95
No. 10 Microscope Set	9.95
No. 15 Microscope Set	14.95

Page 9

2F Village Blocks	2.95
3F Big Town Blocks	5.95
4F Skyscraper Blocks	10.95
5F Recognition Blocks	3.95
10F Domino Blocks	7.50

Page 10

No. 1 Mysto Magic	1.50
No. 2 Mysto Magic	2.95
No. 5 Mysto Magic	6.95
No. 1032 Puzzle Set	1.50
No. 1033 Tricks and Puzzles	3.00
No. 1034 Puzzle Tricks	1.50

Page 11

C7 Work Bench	32.50
No. 4 Bucksaw	2.50
No. 5 Spec. Tool Chest	6.50