

Hello Boys! Take your choice of these GILBERT TOYS

GILBERT Electrical Sets




Electrical engineering is wonderful fun, boys! And it's fun that's worth while. Think of great men like Franklin, Morse and Edison who experimented with electricity. The telegraph—the telephone—the electric light are all the results of electrical experimenting.

These Gilbert Electrical Sets of Experimental Apparatus—together with the illustrated elementary course on Electrical Engineering—are the most fascinating playthings for teaching, demonstrating and applying the secrets and principles of electricity. You learn and play at the same time.

Make a motor that will lift your own weight and magnets that pick up objects. Wire in electric door bells. Operate toys and models with electricity. Do a hundred "stunts" that are being done every day by grown-up electrical engineers.

Set No. 3004 contains all parts for building motor and other apparatus; also for conducting 100 experiments. Price, \$5; in Canada, \$7.50. Other Gilbert Electrical Sets, \$1, \$2.50 and \$10; in Canada, \$1.50, \$3.75 and \$15.

GILBERT Submarine



Wouldn't you like to see for yourself just how the famous undersea boats travel under water and fire their torpedoes? Well, you can—and you can be the submarine commander, too!

The Gilbert Submarine "G-150" is an actual working miniature model of the history-making submarine. It is equipped with strong power spring motor, submerging planes, self-propelling torpedo, crank shaft, steel propeller, etc. It cruises along with just its periscope visible; then, when the submerging planes are set, it will submerge and continue its course below the surface identically like a real submarine. Discharges its (wood and metal) torpedo automatically.

The "G-150" is non-sinkable and always rises to the surface at the end of its "voyage," so cannot possibly be lost. It is 13 1/2 inches long by 7 inches high; finished in battleship gray. Price, \$1.50; in Canada, \$2.25.

GILBERT Machine Gun




Ready! Aim! Fire! Bang—bang—bang! Quick as lightning it works, this Gilbert Machine Gun—10 shots per second.

I tell you, boys, the Gilbert Machine Gun is the real thing. In the picture—they're just like the machine guns used by all the armies of the world. Gun is mounted on heavy tripod and is 28 1/4 inches long, 15 inches high; finished in nickel and black enamel. Machine Gun Manual, free with every Gun, contains full instructions for organizing Machine Gun Company.

Think of the fun you can have, organizing a company of your boy friends, who yourself as Captain, and practicing just like real soldiers. Ask your dealer to show you this Gilbert Machine Gun. Price, \$3; in Canada, \$4.50.

GILBERT Brik-tor



Brik-tor adds a lot to the enjoyment of your Erector Set. You can make your steel models more like the real thing.

If you erect the steel framework of a building, you can set red, white or slate bricks with strips of trimming wherever they will look best. The side walls, chimneys and foundation, of course, would be red brick, while just where the roof joins you would put in a strip of white trimming. The roof itself is usually finished in slate color bricks.

This is the first architectural building outfit ever invented that can be used in conjunction with your Erector Set—or with any other steel building toy you happen to own. It is entirely different from any other building toy.

I have prepared a handsome book of instruction, printed in colors, which is included with each set. It shows many attractive models which you can build.

Brik-tor Sets are sold in three sizes. \$1.50, \$3 and \$5; in Canada, \$2.25, \$4.50 and \$7.50. Ask your dealer to show Brik-tor to you.


GILBERT Electric Motors



Gilbert Toys include a 11 kinds of electric toy motors. The one here shown is known as Gilbert Motor P-82. You can have wonderful times with this motor by operating toys, trains and Erector models.

Price \$3.50; in Canada, \$5.25. Other Gilbert Toy motors, \$1 to \$5; in Canada, \$1.50 to \$7.50.

GILBERT Chemistry Outfit



This Gilbert Chemistry Outfit gives you all the materials and instructions for conducting chemistry experiments—doing things that seem really marvelous.

And remember, in addition to the fun and fascination of this Outfit, you are also learning many of the principles of Chemical Engineering. It contains wet cell and equipment for electroplating; nickel-plating; tests for metals; how to make soap; how to make ammonia; how to make ink; laboratory equipment; test tubes and filter paper; helping hints for laboratory; chemical magic with "patter." With every outfit is a big illustrated manual which tells clearly how to make all the tests and experiments and also gives, in a simple interesting way, important knowledge of Chemical Engineering.

This Gilbert Chemistry Outfit will give you hours and days of worth-while amusement. Your dealer has it and will gladly show it to you. If I were a boy, I surely would want one for Christmas! Price \$3; in Canada \$4.50.

And of Course You Have All Heard About

GILBERT ERECTOR

"THE TOY LIKE STRUCTURAL STEEL"



Win Prizes, Honor and Money
in the
Gilbert Engineering Institute for Boys

I founded the Gilbert Engineering Institute for Boys last year to add to the fun you can have with Erector, Electrical Set and other Gilbert Toys. I was sure it would appeal to you boys—because I was a real boy myself and know the kind of fun and rewards that boys like.

And it certainly has been a wonderful success! A big army of ambitious, "up-and-doing" boys are now members of the Gilbert Institute. It proves that all you fellows know a good thing when you see it.

The Gilbert Engineering Institute for Boys offers you great opportunities to win fame and valuable rewards—and at the same time have lots and lots of enjoyment while winning them. There are no dues and no initiation fees—any boy can belong who has one or more of the Gilbert Toys which are needed to do the things that prove you are entitled to the Degrees which are as follows:

VALUABLE REWARDS AND FINE DIPLOMAS

First Degree—It is easy to win this degree. There isn't room here to tell what you do but it's all described in the literature which I will send you on request. When you win this degree, you receive a Diploma certifying that you are a Gilbert Engineer.

Second Degree—This degree is a little harder but any bright boy can win it. You not only get a Diploma that you are a Gilbert Expert Engineer but you also are given a handsome gold enamel lapel button.

Third Degree—This is the highest Honor—well worth trying for—and winning! When you win this degree you receive a "Gilbert Master Engineer" Diploma; a splendid Gold Watch; a beautiful Gold Rolled Fraternity Pin and you will also be given a recommendation for a position with the Gilbert Demonstration Department of a local store, which pays a salary of \$10 a week for three weeks during the Christmas Season, in addition to a commission on sales.

Join the Gilbert Engineers now. Start as soon as you can. This is fun with the "real stuff" to it. You have a good chance of being one of the fortunate boys who will win the honors and rewards of Gilbert Master Engineer.

Alfred Gilbert, Jr.

Always Something New to Build With ERECTOR!

Look, for instance, at that big realistic battleship. Did you ever see a steel model to equal it? It was made entirely from Erector girders, nuts, bolts and other parts. And it's just one of the hundreds and hundreds of splendid models you can build with Erector—submarines, machinery of all kinds, steam dredges, aeroplanes, elevators, etc.

You can not only build lots of models but you can build big, strong ones—a suspension bridge, for instance, 21 feet long, capable of supporting a boy. The three big manuals show 278 actual mechanical models which have been built with the No. 4 Set alone. In addition to those illustrated, thousands of other models can be built, depending only upon your skill and originality.

Is it any wonder that Erector is the favorite of all your friends? Be sure that you get Erector this year.

You've heard about it because Erector is the steel construction toy that has given the most fun to the most boys of any toy ever invented!

I don't want you to take my word for it. Your own boy friend can tell you. What construction toy have they got? Erector! Ask Bill or Jim or Harry—any of your chums—what they think of Erector.

Ask them what steel construction toy builds the most, the strongest and best models. Ask them which is the only one with lapped interlocking girders that enable you to build four-sided and square columns; the only one with every piece stamped accurately out of steel, scientifically made and correct in design and proportion; the one with big reinforced steel wheels grooved and hubbed for every engineering purpose; the one that gives, with most sets, a sturdy electric motor that will lift your own weight when properly geared.

Your friends will all answer—Erector! Well, then, isn't Erector the construction toy that you want this Christmas? Of course it is!

ERECTOR SET NO. 4 IS A WINNER

Erector Set No. 4, pictured on the right, is the most popular set, because it includes hundreds of parts and the powerful Erector Electric Motor. There are big girders, large and small wheels, shafting, corner plates, angle irons, pintons, pulleys, gear wheels, nuts and bolts. You can build at least a thousand good models with this No. 4 Set and the motor enables you to make many that operate like real machinery. Price of No. 4 Set, \$5; in Canada, \$7.50.

SOMETHING NEW—MASTER ENGINEER SET

This year I have designed a special outfit for the advanced Erector Boy Engineer—the boy who already has a regular set. This Master Engineer Set has special twelve inch girders, two inches wide, with which you can duplicate the real "I" and "T" beams. Other special features of the Master Engineer Set are the big three-section gears, mitre gears, combination crown pulleys, together with chains and belting for transmissions (see small illustration on the left).

Ask your toy dealer to show you No. 4 Set or the Master Engineer Set—or any other set you wish (Erector Sets range in price from \$1 to \$25). You can't imagine the many parts—the easy building—and the size of the girders—until you actually see Erector.



The A. C. GILBERT COMPANY, 128 Blatchley Ave., New Haven, Conn. MENZIES & CO. Limited, Toronto, Ont.

Canadian Representative:

Send for Free Copy

I want to send you, absolutely free, this special Holiday issue of my boy's magazine, **Gilbert Toy Tips**. It is full of stories and photographs; describes and illustrates all the Gilbert Toys; tells you more about the Gilbert Engineering Institute for Boys. You will certainly enjoy reading this issue of **Toy Tips**. Write your name and address on the coupon, paste it on a postal card or enclose in an envelope and mail it now.

Name.....
Address.....

Mr. A. C. Gilbert, Pres. The A. C. Gilbert Co., 128 Blatchley Avenue, New Haven, Conn.

Please send me, free, the special Holiday Issue of your boy's magazine, **Gilbert Toy Tips**.

