### THE AMERICAN BASIC SCIENCE CLUB



## A REAL SCIENCE COURSE

**Developed with World Famous** SOUTHWEST RESEARCH INSTITUTE

The 8 manuals are expertly written, clearly illustrated, excitingly different.

#### NO EXPERIENCE NECESSARY

Complete every project and gain a VALUABLE SCIENCE BACKGROUND that will ENRICH YOUR LIFE and could SHAPE YOUR FUTURE!

FOR SAFETY, power is provided by an isolation transformer that comes with first kit.



Science Course Designed with FUTURE YOUR

# Cost

Now over 110 fascinating projects with

SOUND ELECTRICITY HEAT ELECTRONICS LIGHT ATOMIC ENERGY

# COMPLETE LABORATORY COMES IN & KITS, ONE A MONTH . . . YOU GET ALL THE EQUIPMENT FOR ALL THE FOLLOWING:

### ELECTRICAL EXPERIMENTS

Educational fun with Electro-Magnets, Transformer, Galvanometer. Rheo-stat, Relay, Voltmeter, Wheatstone Bridge, and other electric equipment.

### PHOTOELECTRIC EYE

Photoelectric Cell, Exciter lamp — and Electronic Relay. Everything you need to control motors, bells, alarms, and do other light beam experiments.

CODE PRACTICE SET
Signal Oscillator, Key and Flasher
...the complete outfit to learn to receive and transmit the Morse Code ... the first step to a Ham License.

# RADIO SERVICE EQUIPMENT

All the parts to build your own Radio Signal Tracer and a Probe Light Continuity Tester. Both pieces are invaluable in radio servicing.

#### PHOTOGRAPHY LAB

Complete dark room equipment: Printer — Enlarger — Electronic Timer — Safe Light — Developing Trays and supply of paper and chemicals.

#### SPECTROSCOPE

Fascinating optical instrument used to identify and analyze substances by observing the spectrum of their flame. Spectrum charts are included.

#### ULTRAVIOLET LAMP

Produce dazzling color effects with invisible "black light". Used extensively for crime detection, mineralogy and science. Fluorescent Ink, Crayon and Tracer Powder are included.

### RADIO RECEIVER

Three Tube Short Wave (80 Meter) and Standard Broadcast Receiver. Sensitive Regenerative Circuit uses regular 115 volt AC. Complete with Head Set.

MICROPHONE
A sensitive carbon-button microphone that greatly amplifies unsuspected noise. Also adaptable for use with your radio transmitter.

#### STROBE LIGHT

A variable pulse neon lamp.
"Freezes" motion of rapidly vibrating or rotating objects for close study and checking frequencies, RPM.

#### SOUND EXPERIMENTS

Laboratory demonstration of sound waves, resonance and pitch. Includes Variable Frequency Oscillator, Sonometer and Ripple Tank.

SLIDE PROJECTOR
Takes 16mm and 35mm slides, sharp
facusing, convection cooled. G.E.
Projection Lamp included. Also adaptable as a Projection Microscope.

# ATOMIC RADIATION EXPM.

A variety of projects using Spin-thariscope and sensitive Electroscope.

#### HEAT EXPERIMENTS

Study the Molecular Theory of heat using 2 Thermometers, Thermostat, 3 foot Gas Thermometer and special Microscope arrangement that show the effect of Molecular Movement.

### DC POWER SUPPLY

Power Transformer, Vacuum Tube Rectifier and 20-20 mfd. Capacitor Filter Circuit. Converts home AC to the DC required for Electronic Circuits.

#### **ELECTRONIC EXPERIMENTS**

Explore functions of vacuum tubes and other electronic components. Build an Electronic Switch—Amplifier, and other experimental circuits.

#### BROADCAST TRANSMITTER

Sends clear transmissions of both code and voice to nearby radios. Can be used with your microphone, record player, or code oscillator.

TELESCOPE
A mounted astronomical Telescope.
High quality ground Lenses enable
you to examine details of the
moon's surface and distant objects.

MICROSCOPE
High and low power, precision
ground Lenses, Substage Light and
Polarizer. Adaptable for photomicrography in connection with Photo Lab.

#### ATOMIC CLOUD CHAMBER

See illuminated tracks of speeding nuclear particles emanating from ra dioactive Alpha source and myster-ious cosmic rays from outer space.

#### WEATHER STATION

Cup Anemometer that elec-tronically measures wind speed. Barometer, Sling Psychrometer, Humid-ity Gauge, Cloud Speed Indicator, Cloud Chart and Weather Map.

#### ALL THE ABOVE, only THE EQUIPMENT FOR

ONLY 5 WITH COUPON

NEW!

A Surprise
"MYSTERY BOX"

First Kit!

WEATHER

Forecasting

HAM LICENSE

RADIO-TV

Servicing

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PHOTOGRAPHY

MICROSCOPY The World Beyond Your Lens

PROSPECTING

Radioactive Ores

FOR EACH KIT YOU RECEIVE (ONE A MONTH FOR 8 MONTHS) SOLDERING IRON with Second Kit

\$2960

Your Satisfaction or Your Money Back . . . AND

3 you may cancel at any time without obligation.

## A VALUABLE SCIENCE LAB

Containing Parts by RCA, MALLORY, G.E. PYRAMID, STACKPOLE, TRIM and other reliable manufacturers.

Retail value of parts alone is over FIFTY DOLLARS.

MEMBERS ARE Congratulations on the organization of these kits. They are the best investment ENTHUSIASTIC! I've made in a long time.

Designing and offering this complete laboratory to the public at such a low price is a notable service to our society. R. M. Helms, Professor of Physics East Carolina College, Greenville, N.C.

mes A. Carlson Pittsburgh, Pa.

FREE! These 6 Auxiliary Textbooks

AMERICAN BASIC SCIENCE CLUB, Inc., San Antonio, Texas

These "no risk" assurances because we know you will be SURPRISED! AMAZED! DELIGHTED!

AMERICAN BASIC SCIENCE CLUB
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Start sending me A.B.S.C.'s "Science Lab" in eight kits, one each month. If not satisfied on inspection of first kit I may return it for immediate refund. (I choose the plan checked.)

( ) I enclose \$2.00 and will pay \$3.45 plus COD postage on arrival of each kit. I may cancel unshipped kits at any time.

( ) I enclose \$29.60, full payment, Postage Paid, for all 8 kits. I may cancel any time and get full refund on unshipped kits.

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CITY MAIL COUPON TODAY