

**THE AMERICAN BASIC SCIENCE CLUB**



A Science Course Designed with YOUR FUTURE in Mind

Low Cost **SCIENCE LAB**

Now over 110 fascinating projects with

**SOUND ELECTRICITY HEAT ELECTRONICS LIGHT ATOMIC ENERGY**

COMPLETE LABORATORY COMES IN 8 KITS . . . ONE A MONTH SUPPLIES ALL THE EQUIPMENT FOR ALL THE FOLLOWING:

**ELECTRICAL EXPERIMENTS**

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

**RADIO RECEIVER**

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

**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.

**PHOTOELECTRIC EYE**

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

**MICROPHONE**

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

**ELECTRONIC EXPERIMENTS**

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

**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.

**STROBE LIGHT**

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

**BROADCAST TRANSMITTER**

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

**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.

**SOUND EXPERIMENTS**

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

**TELESCOPE**

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

**PHOTOGRAPHY LAB**

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

**SLIDE PROJECTOR**

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

**MICROSCOPE**

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

**SPECTROSCOPE**

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

**ATOMIC RADIATION EXPM.**

A variety of projects using Spinthariscopes and sensitive Electroscopes. Sample source of radioactive Uranium Ore and Radium are included.

**ATOMIC CLOUD CHAMBER**

See illuminated tracks of speeding nuclear particles emanating from radioactive Alpha source and mysterious cosmic rays from outer space.

**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.

**HEAT EXPERIMENTS**

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

**WEATHER STATION**

Aneroid Barometer, Cup Anemometer that electronically measures wind speed. Sling Psychrometer, Humidity Gauge, Cloud Speed Indicator, Cloud Chart and Weather Map.

These kits were developed with famous **SOUTHWEST RESEARCH INSTITUTE**



SwRI ADMINISTRATION BUILDING

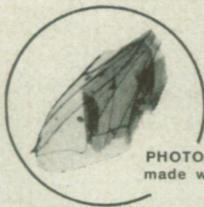
and are a **REAL SCIENCE COURSE**

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

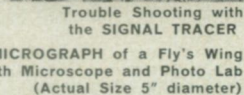
**NO EXPERIENCE NECESSARY**  
You can complete every project and **GAIN A VALUABLE SCIENCE BACKGROUND** that will **ENRICH YOUR LIFE** and could **SHAPE YOUR FUTURE!**  
**EASY • FUN • EDUCATIONAL**



Analyzing Glowing Gases with the **SPECTROSCOPE**



PHOTOMICROGRAPH of a Fly's Wing made with Microscope and Photo Lab (Actual Size 5" diameter)



Trouble Shooting with the **SIGNAL TRACER**

**ALL THE EQUIPMENT FOR ALL THE ABOVE, only \$29.60**

SEND ONLY **\$2.00**

PAY ONLY **\$3.45**

FOR EACH KIT YOU RECEIVE (ONE A MONTH FOR 8 MONTHS)

**FREE**

**SOLDERING IRON** with Second Kit

**Your Satisfaction or Your Money Back . . . AND you may cancel at any time without obligation.**

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

**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.**

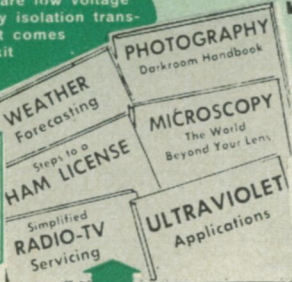
**FOR SAFETY!**

Circuits are low voltage supplied by isolation transformer that comes with first kit

**MEMBERS ARE ENTHUSIASTIC!**

Congratulations on the organization of these kits. They are the best investment I've made in a long time.  
James A. Carlson  
137 Marose Drive  
Pittsburgh, Pa.

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.



**FREE!** These 6 Auxiliary Textbooks

**AMERICAN BASIC SCIENCE CLUB** DEPT. SN-10  
501 E. Crockett, San Antonio 6, Texas

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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STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_  
**MAIL COUPON TODAY**

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

