

EXCITING! A THRILLING FIND! [TAKEN WITH GREAT TECHNICAL SKILL FROM THE ORIGINAL WAX CYLINDERS & FIRST FLAT DISCS]

42 famous voices of history

Tennyson • Browning • Sarah Bernhardt • Florence Nightingale • Teddy Roosevelt • Valentino
 PLUS 36 OTHERS... SPEAK AGAIN FROM THE PAST FOR THE FIRST TIME ON THESE 2 MODERN LP ALBUMS



THE OLDEST RECORDED VOICES OF HISTORY!
HISTORY SPEAKS:
 now listen to the actual voices of these famous people recorded as early as 1888 !!!

P. T. BARNUM • KING GEORGE V
 FLORENCE NIGHTINGALE • O. HENRY • ROBERT BROWNING
 EDISON • AMELIA EARHART
 THEODORE ROOSEVELT
 WILLIAM JENNINGS BRYAN • EDWIN BOOTH
 SIR HENRY MORTON STANLEY • GENERAL MILLS
 PRESIDENT TAFT • GARRET A. HOBART
 "CHARGE OF THE LIGHT BRIGADE" BUGLER
 SIR ARTHUR CONAN DOYLE • ELLEN TERRY
 WILLIAM GILLETTE • SIR ARTHUR SULLIVAN
 ANDREW CARNEGIE • JAMES WHITCOMB RILEY

VOL. 1
 ALFRED LORD TENNYSON • KING GEORGE V
 FLORENCE NIGHTINGALE • O. HENRY
 ROBERT BROWNING • THOMAS EDISON
 AMELIA EARHART • THEODORE ROOSEVELT
 WILLIAM JENNINGS BRYAN • EDWIN BOOTH
 SIR HENRY MORTON STANLEY • GENERAL MILLS
 PRESIDENT TAFT • GARRET A. HOBART
 "CHARGE OF THE LIGHT BRIGADE" BUGLER
 SIR ARTHUR CONAN DOYLE • ELLEN TERRY
 WILLIAM GILLETTE • SIR ARTHUR SULLIVAN
 ANDREW CARNEGIE • JAMES WHITCOMB RILEY

FREE Even If You Buy Nothing!
42 GREAT LIVES
 Illustrated 7"x10 1/2"
 Here they all are! Marching through the stirring pages of this fast-read, popular digest-style book: Emperors, Opera & Movie Stars, Poets, Nurses, Preachers, Inventors, Generals, Presidents, Explorers, Fighters! Intimate details of fabulous achievements told! FREE book also brings full text of all 4 sides of the recordings of their Famous Voices, making history in the century past and the early 1900s! Yours FREE when you mail coupon! Keep it AS GIFT, even if you buy nothing!

Here Are the Actual Voices You'll Hear

- VOL. 1**
 P. T. Barnum
 King George V
 Florence Nightingale
 O. Henry
 Robert Browning
 Thomas Edison
 Amelia Earhart
 Theodore Roosevelt
 William Jennings Bryan
 Edwin Booth
 Sir Henry Morton Stanley
 General Nelson Miles
 President Taft
 Garret A. Hobart
 "The Light Brigade" Bugler
 Sir Arthur Conan Doyle
 Ellen Terry
 William Gillette
 Sir Arthur Sullivan
 Andrew Carnegie
 James Whitcomb Riley
- VOL. 2**
 Alfred Lord Tennyson
 Admiral Robert Peary
 Rudolph Valentino
 President McKinley
 Sarah Bernhardt
 Leo Tolstoy
 Rudyard Kipling
 James J. Corbett
 Lillian Russell
 Billy Sunday
 Emperor Franz Joseph
 President Coolidge
 Salvation Army Gen. Booth
 Charles Lindbergh
 Edward H. Southern
 Guglielmo Marconi
 Lord Baden-Powell
 General John J. Pershing
 Dr. Frederick Cook
 Prime Minister Gladstone
 Pope Leo XIII

On these amazing records, you'll hear HISTORY SPEAK! They bring together for the first time some of the earliest recorded voices of the great personalities who lived and made history in the 1800's and early 1900's. Each voice was re-recorded, filtered and amplified, with great technical skill by Professor Walter L. Welch of Syracuse University on specially designed equipment.

Many are from original wax cylinders first discovered in an old box in Thomas Edison's laboratory after his death. Others are from priceless private collections. They will stir the memories of oldsters, send chills up the spines of youngsters.

Hear Heroes, Heroines of Yesteryear!

For here are the heroes and heroines of yesteryear. On Volume 1 you'll HEAR Kenneth Landrey, a trumpeter for the Light Brigade, sounding again in 1890 the tragic charge of the Six Hundred into the Valley of Death at Balaclava in 1854! You'll HEAR Henry Morton Stanley who found Dr. Livingstone in the heart of unexplored Africa in 1871! You'll HEAR Arthur Conan Doyle telling how he created Sherlock Holmes; HEAR famous Indian fighter and American Cavalry General Miles who received the surrender of Geronimo in 1886, HEAR actor Edwin Booth, born in 1833, older brother of the man who killed President Lincoln!

You'll HEAR William Jennings Bryan give his "Cross of Gold" speech in 1896! HEAR the fabulous millionaire, Andrew Carnegie! HEAR P. T. Barnum, who first presented Tom Thumb to New York in 1842! HEAR the immortal poet Robert Browning, O. Henry, James Whitcomb Riley! HEAR Teddy Roosevelt telling a group of boys in 1913, "Don't flinch, don't foul, and hit the line hard"! HEAR Edison, Florence Nightingale and many other voices, truly immortal, ALL on Vol. 1

Hear McKinley, Gladstone, Tolstoy!

Volume 2 is equally exciting, equally as thrilling. You'll HEAR Tennyson, born in 1809, reciting in 1888 his famous "Charge of the Light Brigade"! HEAR Admiral Perry describing in detail how he discovered the North Pole! HEAR "Gentleman Jim" Corbett who licked John L. Sullivan in 1892! HEAR General "Black Jack" Pershing speaking from A.E.F. headquarters in France in 1918! HEAR Pres. Coolidge awarding Lindbergh the D.F.C. and Lindbergh's reply!

HEAR Kipling of Gunga Din fame, and Leo Tolstoy! HEAR President McKinley campaigning for office in 1896! HEAR the great lover Valentino, and Queen Victoria's Prime Minister Gladstone! HEAR "the divine Sarah" Bernhardt, "fire and brimstone" Billy Sunday, Emperor Franz Joseph and many other Famous Voices of History!

Claim "42 GREAT LIVES" FREE While They Last! Save 30%

Both 12" LP Records are 33 1/3 rpm, and come in handsome red, white and blue jackets. And, to complete your priceless heirloom, we include a big exciting 32-page book, "42 GREAT LIVES" containing the full text of all 4 sides of the records to read as you listen . . . PLUS the 42 exciting life

stories in fast-reading digest style. Instructive and inspiring for students and adults. And it's yours FREE!

Yes, so sure are we that you will be supremely delighted, we say keep valuable "42 GREAT LIVES" book even if you return records and buy nothing! Could anything be more fair? While FREE books last, mail that Gift Coupon for 30% Cash Saving NOW!

SAVE 30% Volumes 1 and 2 of HISTORY SPEAKS will be issued in Spring of 1969 at \$9.98 for the set of both albums. By using Gift Coupon NOW you get both albums at Special Pre-Issue Price of only \$6.98, YOU SAVE 30%! "42 GREAT LIVES" book is FREE!

GIFT Coupon SAVES 30%—Mail NOW!
VOICES OF HISTORY, Dept. SN2-22
 641 Lexington Ave., New York 10022
 YES, Rush me big 32-Page Book, "42 GREAT LIVES" as my FREE GIFT! In same package rush me both Volumes of "HISTORY SPEAKS" Records at your Special Pre-Issue Price of only \$6.98, Saving me 30%.
 Enclosed is check or M.O. for \$6.98.
 Ship C.O.D. I enclose \$1 good will deposit, and will pay postman balance of \$5.98 plus postal charges.
SATISFACTION GUARANTEED or you may return Record Albums for full prompt refund. Keep "42 GREAT LIVES" Book FREE in any case!
 Name _____ (Please Print)
 Address _____
 City _____ State _____ Zip _____
 (Add 35¢ for packing, shipping & ins.)

Praise from All 50 States

Parents, Students, History Buffs, Curators, Everyone Praises these Amazing Records. For instance: . . . "I use the Records in all my History and Speech Classes. They demonstrate many points in voice training, and make History so vividly real. Thank you for making history COME ALIVE in these precious heirloom records, with free book."
 Mrs. V.B., Auburn, Wash.,

Voices of History, Dept. SN2-22, 641 Lexington Ave., New York 10022

22 february 1969/vol. 95/science news/199

AMERICA'S GREATEST VALUES IN SCIENCE LABS AND COURSES!



Now! Space Age Science for Everyone

AMAZING KIT-A-MONTH CLUB

You Get ALL the following in nine monthly kits!

NO EXPERIENCE NECESSARY

Everyone will enjoy the easy-to-use equipment and exciting, learn-by-doing courses. It's easy—it's fun!

DEVELOPED BY TOP SCIENTISTS

The ABSClub program is a real science course developed with world famous Southwest Research Institute—a non-profit public service organization, nationally recognized as the center of scientific research in the Southwest.

EQUIPMENT IS GOOD QUALITY

These kits are not toys. They consist of standard components by Centralab, General Electric, Strobelite, Leviton, Precision Tube, Cinch-Jones, Mallory, Lancaster Lens, General Instrument, Trim, RCA, Stackpole, Eastman Kodak and other reliable manufacturers.

NO SPECIAL TOOLS REQUIRED

All you need are a screwdriver and pliers. You get an electric soldering iron FREE with your second kit. Also included: hardware, solder, wire, etc.

FUN FOR THE WHOLE FAMILY

This program offers such a variety of activities that every member of the family can find a field of interest. In many homes, working with the kits is a family affair enjoyed by all.

INVALUABLE FOR STUDENTS

Makes school science fascinating and easy. Gives students a real head start. The kits are a valuable source of ideas and equipment for school projects.

MEMBERS ARE ENTHUSIASTIC

Over 50,000 members have successfully used and enjoyed these kits. All the projects are proven and practical.

"Every kit is very complete in explanation, illustrations, materials, hardware and extras. This is what I like!"
F. Batorick, Mahall, Pa.

"I have enjoyed every kit. I wish I could give them to all my students."
Allen T. Ayers, Physics Dept., Jamestown High School, Jamestown, New York.

"Hard-to-get equipment at a great price. Thanks to your kits I am enjoying new fields of science."
J. Altemong, White Springs, Illinois.

"The ABSClub kits are very practical, interesting and educational... and the projects always work."
Larry Schutts, Eden, New York.

"I am continually impressed with how well the kits are planned. Congratulations on your good work."
Geo. D. Snell, Senior Staff Scientist, Roscoe B. Jackson Memorial Laboratory, Bar Harbor, Maine.

"I have immensely enjoyed every minute with the kits, and eagerly await the postman every month."
Fred Carter, Sanford, Florida.

"A wealth of information presented in an easy-to-learn manner."
Tom Webster, Vidor, Texas.

"It is incredible that we can obtain so much material for such a price. The manuals alone are of great value."
Sister M. Maris, Bishop Dwenger High School, Fort Wayne, Indiana

"I am an electronics student in the Air Force. We have not covered anything in school that your kits have not covered."
John G. Dill, Keesler Air Force Base, Biloxi, Miss.

"When I started your program I knew little about any of the topics that you presented. I now am repairing radios and photography is my main hobby."
Bruce Russell, Denver, Colo.

"I have been working with the kits with my wife... because it's more fun. Your program is great."
Paul Snyder, Air Travel Service, Detroit City Airport.

"A friend of mine is taking a correspondence course in electronics. I've learned more from your first two kits than he has in twenty lessons."
Ray P. Bilodeau, Leominster, Mass.

ELECTRICAL LAB

All the equipment for basic electrical experiments with Wheatstone Bridge (measures resistance), Magnetizer and De-magnetizer, Thermocouple, Mystery Shock Box, Continuity Tester, Extinction Voltmeter, Solenoid Coin Tapper, Electromagnetic Relay, Neon Lamp, Galvanometer, Induction Coil, Resistors, Chemicals and Electrodes for Plating and Electrolysis. FOR SAFETY a step-down Isolating Transformer provides required current.



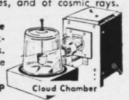
RADIO LAB AND COURSE

YOU BUILD A SHORTWAVE AND BROADCAST RADIO. 3-tube regenerative circuit. Uses 115V AC. CARBON MICROPHONE with AUDIO AMPLIFIER, RADIO TRANSMITTER for code or voice, RIPPLE TANK WAVE GENERATOR with variable frequency. Invaluable in the understanding of wave theory. CODE PRACTICE OSCILLATOR with manual. *Steps to a Ham License. All you need to pass the FCC Ham License Exam.



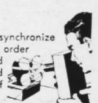
ATOMIC ENERGY LAB

ATOMIC CLOUD CHAMBER with PROJECTOR ILLUMINATOR. See the vapor trails of alpha and beta particles, and of cosmic rays. SPINTHARISCOPE. Shows exploding atoms. ELECTROSCOPE—metal housed with Scale and Magnifying Viewer. Measures background radiation and tests sample sources. SAFE RADIOACTIVE MATERIALS. Alpha Source in handy container and Uranium Ore. Full instructions and explanations open up the fascinating field of nuclear physics.



STROBE LIGHT

A Neon Lamp that flashes at intervals you can synchronize with the speed of rotating or vibrating objects in order to "freeze" their motion to permit close study and checking frequencies and RPM. Flashes are timed by a variable frequency oscillator with a range of 20 to 600 cycles per second.



RADIO SERVICING TOOLS

SIGNAL TRACER. A valuable trouble shooting tool which permits you to "listen in" as you probe through a faulty circuit until you find the trouble spot. CONTINUITY TESTER. Pinpoints open circuits and test voltages. The use of both pieces fully described in accompanying manual. *Simplified Radio and TV Servicing."



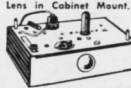
SPECTROSCOPE

Analyze spectra of glowing gases. See and identify the Fraunhofer Lines. A quality instrument featuring an easy-to-read built-in scale and a powerful condensing system for a bright spectrum. Equipment includes Alcohol Burner and a 2 Watt Neon Spectral Lamp. Full instructions cover theory and use.



PHOTOELECTRIC RELAY

Crystal Photocell, Electronic Amplifier, Relay, large Condensing Lens in Cabinet Mount. Features automatic on-off or holding circuit operation. Sensitivity Control. Plug-in Outlet for controlled circuit. Use for alarms, counters, etc. Operates on 115V AC. A basic unit for many exciting experiments.



DC POWER SUPPLY

Changes regular 110-120V AC to the direct current required for electronic projects and experimenting. Consists of a Power Transformer, Vacuum Tube Rectifier, 20/20 MFD Capacitor Filter Circuit, and a potentiometer Voltage Selector. A Safe Isolated Power Supply eliminates the need of expensive multi-volt batteries.



ULTRAVIOLET LAMP

140 watt filter type UV LAMP. Heavy metal cabinet. 6 Foot Cord, Rotary Switch. Produces dazzling color effects with invisible black light. Has many uses in the fields of Mineralogy, Crime Detection and Science. Accessories include Invisible Ink, Tracer Powder, Fluorescent Crayons.



ANALOG COMPUTER

Electronic Computer multiplies, divides, calculates powers, roots. Set up the problem on the scales of two potentiometers and find the answer on the scale of third potentiometer as indicated by a sensitive meter. Instruction Manual covers computer theory and practical use. Over 150 sample problems and answers demonstrate use with fractions, trigonometry, logarithms, physics formulas, ballistics, etc.



MICROCRAFT LAB

Microprojector shows microscopic subjects enlarged with brilliant detail on wall or screen. Has sturdy Steel Cabinet, large Condensing Lenses for extra brightness, and a GE Projection Lamp. Microscope features Remotes Eye-piece for wide field viewing, Substrate Light and Polarizing Filters. Magnifies up to 200X. Includes: Slides, Cover Glasses and Microscopy Manual.



SURVEYOR'S TRANSIT

A practical Transit. 6X erect image telescope with Range Finder Reticle for measuring remote distances and heights. Vernier reading for both horizontal and vertical scales. Leveling Head with Thumb Screw Adjustment and Spirit Level. Clamps under head hold wooden legs of Tripod. (Legs not included.) Instructions cover elementary surveying, range-finding.



LIGHT AND OPTICS LAB

Exciting optical projects for the study of light. Equipment includes: Five Precision Lenses, Prism, Polarizing Filters, Diffraction Grating, Mirror, Telescoping Tubing, Lens Mounts, Tube Holders and Brackets. All the parts and instructions to build a Camera Obscura, Camera Lucida, Polaroscope, and many other optical devices.



PHOTOMICROGRAPHY CAMERA

Photographs specimens mounted on microscopic slides. Enlarges up to 120X. Takes clear, sharp pictures of specimens too small to be seen with the naked eye. A fully self-contained unit—no microscope required. Uses standard roll film, either 120 or 35, black and white or color. Make a photographic record of your projects with microscopic subjects.



TELESCOPE AND MOUNT

30X erect image. Extends to 30" length. Five ground and polished Lenses. Ramsden Eyepiece. Sturdy Equatorial Mount makes it easy to follow the movement of heavenly bodies. Mount has fittings for wooden legs that complete the tripod (legs are regular 1x2 lumber not included).



PHOTOGRAPHY LAB

A PRECISION 35MM ENLARGER... horizontal type with twin condensing lenses and 3" F1.1 projection lens. Produces quality enlargements up to 8"x10". Contact Print Frame takes negatives up 3 1/2"x4 1/4". 3 Plastic Developing Trays, Neon Safelight, Tray Thermometer, Film Clips, Developing Chemicals, Printing and Enlarging Paper and Darkroom Handbook. Make quality enlargements for 6¢. Make prints for only 2¢. Full instructions.



LIGHT TRANSMITTER-RECEIVER

THE TRANSMITTER consists of a Light Source, a Modulating Reflector Diaphragm and an Optical Projection System. THE RECEIVER is a Two-Stage Audio Amplifier, controlled by a Photo-electric Cell that catches the projected light beam and causes the original sound waves to be reproduced in the hearophone.



WEATHER STATION

A REMOTE READING ANEMOMETER and WIND-VANE... Flashing Neon Lights on indoor indicator board show wind speed and direction. Safety Power Guard makes all connections safe. 100 ft. of Lead-in Wire. Plus—Air Tank Barometer with 4ft. indicator column. Sling psychrometer measures relative humidity. Rain Gauge measures rainfall to 1/100 inch. ALSO Cloud Chart, Weather Map and Forecasting Manual—a complete set-up for amateur meteorology.



You get ALL the equipment for ALL the above in nine monthly kits

SEND ONLY \$1.00 TO ENROLL PAY ONLY \$4.95 FOR EACH KIT THAT YOU RECEIVE

Take as few as you wish—or get all nine... it's up to you!

SOME QUESTIONS ANSWERED

Q. How is it possible? It seems incredible to be able to get all the equipment shown above in just nine kits—at only \$4.95 per kit!

A. The direct-to-you "no middleman" club plan is just part of the answer. The other key is ABSClub's especially designed multi-use equipment. For example: the Microprojector quickly and easily converts into the Spectroscope, Photo Enlarger and Cloud Chamber Illuminator. Similarly, the Transit doubles as a Telescope Mount. Such multi-purpose design... plus club plan economy... makes possible this all-science program at a price everyone can afford.

Q. May members choose the order in which they receive their kits?

A. Yes. With the first kit members receive a list of the equipment and projects contained in each of the remaining eight kits. With this information they are able to choose the kit sequence that best suits their particular interest.

Q. Can members get their kits all at once instead of one-a-month?

A. Yes. At any time members can have the balance of their kits sent in one shipment. We recommend that you start on the kit-a-month plan because the monthly spacing will give you time to get the full measure of knowledge and enjoyment that each kit has to offer.

MAKE SCIENCE YOUR HOBBY!

NO EXPERIENCE NECESSARY — IT'S FUN! IT'S EASY!

NO OBLIGATION—NO RISK!

- ★ \$1.00 is the full cost of membership.
- ★ You take only as many kits as you wish.
- ★ Two weeks approval on each kit you take.
- ★ You may return any kit for full refund.

Send coupon today—get your first kit on its way!

TRIAL MEMBERSHIP COUPON

I wish to try the Kit-a-Month Program:

- I enclose \$1.00 to enroll and \$4.95 for the first kit postpaid.
- I enclose \$1.00 to enroll. Send first kit COD. I'll pay COD fee.

I understand if I am not satisfied with the first kit I may return it for a complete refund including the \$1.00 membership fee.

NAME _____

ADDRESS _____

CITY AND STATE _____ (PLEASE PRINT) ZIP CODE _____

AMERICAN BASIC SCIENCE CLUB, INC.

104 Heimann, San Antonio, Texas 78205