

## Sample Materials

### 4th Grade Physical Science

#### Audio Tape/CD

---

**Sing the Science Standards**

\$30-35

Science Explosion, Inc.

<http://www.scienceexplosion.com>

Join the "Science Explosion" as they sing over 50 songs written to the Science Standards. This is a great way for students in elementary and middle school to review the most important ideas in science. Over 50 songs are included on this double-CD which also includes lyrics and instrumental versions. Bring the Science Standards to life with "Sing the Science Standards with the Science Explosion." Also has another two disc Volume 2 CD. Songbook available for \$27.50.

#### Classroom Books

---

**Alexander Graham Bell**

\$7-8

Amazon.com

[http://www.amazon.com/Alexander-Graham-Bell-Own-Biography/dp/1575055333/ref=sr\\_1\\_8?s=bc](http://www.amazon.com/Alexander-Graham-Bell-Own-Biography/dp/1575055333/ref=sr_1_8?s=bc)  
ISBN: 1575055333

By V. Sherrow. Introducing young readers to biographies, the books in this series, written in a story format, are non-fictionalised accounts of the events in real people's lives that led them to become famous. In this book, readers will learn about Alexander Graham Bell's lifelong fascination with music, speech and sounds. He worked hard to invent things that would help people communicate, but he didn't know that his simple idea would change the world when he invented the telephone. Available from Amazon.com.uk.

**Ben and Me: A New and Astonishing Life of Benjamin Franklin as Written by**

\$9-10

Amazon.com

[http://www.amazon.com/Ben-Me-Astonishing-Benjamin-Franklin/dp/0812422058/ref=sr\\_1\\_2?s=bo](http://www.amazon.com/Ben-Me-Astonishing-Benjamin-Franklin/dp/0812422058/ref=sr_1_2?s=bo)  
ISBN: 0316517305

by Lawson, Robert, Benjamin Franklin's companion, Amos the mouse, recounts how he was responsible for Franklin's inventions and discoveries such as the Franklin stove, his experiments with electricity, and the lightning rod. Franklin's adventures with "Poor Richard's Almanac" and the Revolutionary War are retold in a humorous fashion.

**Benjamin Franklin's Adventures With Electricity**

\$5-6

Amazon.com

<http://www.amazon.com>  
0812097904

By: Beverly Birch and Robin Bell Corfield

The texts are documentary in style and filled with facts, but there is also an element of drama that makes each story fascinating reading. A two-page spread at the back of the book summarizes the scientist's life work and achievements.

## **Electricity**

\$8-9

Amazon.com

[http://www.amazon.com/Electricity-Straightforward-Science-Peter-Riley/dp/0531153665/ref=sr\\_1\\_1](http://www.amazon.com/Electricity-Straightforward-Science-Peter-Riley/dp/0531153665/ref=sr_1_1)  
ISBN: 0531153665

By P. Riley. A straightforward introduction to the key science subjects, this series explains the main scientific principles and shows how they work from our everyday world to outer space.

Available at Powell's Books.com

## **Electricity (Make it work!)**

\$3-4

Amazon.com

[http://www.amazon.com/Electricity-Make-work-Alexandra-Parsons/dp/0716647028/ref=sr\\_1\\_1?s=](http://www.amazon.com/Electricity-Make-work-Alexandra-Parsons/dp/0716647028/ref=sr_1_1?s=)  
ISBN: 1587283549

The Make it Work! Science series, recipient of the American Institute of Physics Science Writing Award, offers a new, hands-on approach to learning. Be a scientist and conduct your own experiments. Discover science facts through imaginative activities. Develop your scientific thinking by making science work. This book introduces the fascinating world of electricity and magnetism-from the natural power of a streak of lightning through simple circuits and switches to the complex mechanics of an electromagnetic crane.

## **FOSS Science Stories Single Copy Set (Spanish Grades 3-4)**

\$45-50

Delta Education

<http://www.delta-education.com/>  
WX-542-1270

Titles: Earth Materials, Human Body, Ideas and Inventions, Magnetism and Electricity, Measurement, Physics of Sound, Structures of Life, Water. Science Stories for grades 3-4 use a variety of writing styles, accompanied with full color illustrations and photos to enrich the science experience. The literature styles include: narrative tales, expository articles, technical readings and historical accounts. Other purchasing options: a CLASSROOM SET (64 books, 8 ea. of 8 titles) is \$324.

## **Light, Sound, Electricity**

\$6-7

Amazon.com

[http://www.amazon.com/Light-Sound-Electricity-Library-Science/dp/0794500803/ref=sr\\_1\\_1?s=bo](http://www.amazon.com/Light-Sound-Electricity-Library-Science/dp/0794500803/ref=sr_1_1?s=bo)  
ISBN: 0794500803

By K. Rogers (Editor), V. Bach (Illustrator). Elements and their combinations account for all the varied types of matter.

## **Lightning**

\$6-7

Amazon.com

[http://www.amazon.com/Lightning-Seymour-Simon/dp/0060884355/ref=sr\\_1\\_3?s=books&ie=UTF8](http://www.amazon.com/Lightning-Seymour-Simon/dp/0060884355/ref=sr_1_3?s=books&ie=UTF8)  
ISBN: 0688167063

Electricity and Magnetism are related effects that have useful applications in everyday life.

## **Magnetic Magic**

\$5-6

Amazon.com

[http://www.amazon.com/Magnetic-Magic-Tricks-Done-Magnets/dp/1878257862/ref=sr\\_1\\_1?s=boc](http://www.amazon.com/Magnetic-Magic-Tricks-Done-Magnets/dp/1878257862/ref=sr_1_1?s=boc)  
ISBN: 978-1878257864

by Paul Doherty, John Cassidy. A new addition to the Klutz series combines magic tricks with educational fun and includes ten magnets, a history on magnets, a magnetizable foreign coin, a steel cover that the contents will stick to, and thirty-one magic tricks and activities.

### **Magnetism (Straightforward Science)**

\$10-15

Amazon.com

[http://www.amazon.com/Magnetism-Straightforward-Science-Peter-Riley/dp/0531145069/ref=sr\\_1](http://www.amazon.com/Magnetism-Straightforward-Science-Peter-Riley/dp/0531145069/ref=sr_1)

ISBN: 053115372X

By P. Riley. Introduces the basic science behind magnetism and presents experiments to show how it works.

### **The Ben Franklin Book of Easy and Incredible Experiments**

\$15-20

Amazon.com

[http://www.amazon.com/Franklin-Book-Easy-Incredible-Experiments/dp/0471076384/ref=sr\\_1\\_1?](http://www.amazon.com/Franklin-Book-Easy-Incredible-Experiments/dp/0471076384/ref=sr_1_1?)

ISBN: 0471076384

A Franklin Institute Science Museum Book. Gr. 4-6. From the Franklin Institute Museum, a hands-on science museum in Philadelphia, comes a book with a somewhat unusual concept. Following an introduction to Benjamin Franklin, come "Using Your Head," a chapter concerning observation, innovation, and invention, as well as five other chapters on activities and experiments related to some of his major interests: weather, electricity, music, paper and printing, light, and sound. Clear, simple directions guide rea

Available at Alameda County Public Libraries: J507.8 BEN; Berkeley Public Library: 507.8 B43; and Oakland Public Library: Juvenile 507.8 BEN

### **The Story of Thomas Alba Edison**

\$2-3

Amazon.com

[http://www.amazon.com/Story-Thomas-Edison-Scholastic-Biography/dp/0590424033/ref=sr\\_1\\_sc](http://www.amazon.com/Story-Thomas-Edison-Scholastic-Biography/dp/0590424033/ref=sr_1_sc)

ISBN: 0590424033

By M. Davidson, J. Watling (Illustrator). This biography written towards children and young adults works well as an introduction to the life of Thomas Alva Edison. The basic outline of Edison's life is told in simple terms and includes descriptions about the three inventions Edison is most given credit for inventing: the phonograph, electric light, and motion picture. The illustrations are nice and add to the text of the story. Great reading for youth who like to learn.

### **Who Was Ben Franklin?**

\$5-6

Amazon.com

[http://www.amazon.com/Who-Franklin-Dennis-Brindell-Fradin/dp/0448424959/ref=sr\\_1\\_1?s=book](http://www.amazon.com/Who-Franklin-Dennis-Brindell-Fradin/dp/0448424959/ref=sr_1_1?s=book)

ISBN: 0448424959

By D. Fradin, J. O'Brien (Illustrator). This is an often funny, always engaging introduction to one of America's most fascinating founding fathers. Franklin is affectionately and respectfully depicted as a man of insatiable intellectual curiosity with a tireless creative and inventive mind who played indispensable roles in the War for Independence and the establishment of the U.S. government. Fradin's anecdotal presentation describes all of the important contributions and inventions the man gave to the world: a national postal system, the first public library, the first volunteer fire department, bifocals, the Franklin stove, the lightning rod, and his revolutionary experiments with electricity. His public service on behalf of the Continental Congress as a diplomat and representative, and his contributions to the Articles of Confederation and the Constitution also receive significant attention.

## **Computer Software**

---

### **Electricity and Magnetism: Stop Faking It! Finally Understanding Science So** National Science Teachers Association

\$15-20

[http://www.nsta.org/store/product\\_detail.aspx?id=10.2505/9780873552363](http://www.nsta.org/store/product_detail.aspx?id=10.2505/9780873552363)

Includes software download for student activities. Available in book or e-book. Shocked by static? Mixed up about magnets? Curious about currents? This book will help you get beyond memorizing electricity-related formulas, rules, and procedures so you can understand the topic at a deep level—deep enough to teach it with confidence and comfort. By covering the basics of static electricity, current electricity, and magnetism, the book develops a scientific model showing that electricity and magnetism are really the same phenomenon in different forms. A bonus feature: access to interactive software that you can download from the NSTA Web site. The software will help you investigate electrical circuits—from simple to complex—without having to buy a lot of expensive materials (or risking electrocution!). Electricity and Magnetism is the fifth title in the award-winning NSTA Press Stop Faking It! Series. As author Bill Robertson writes, “The book you have in your hands is not a textbook. It is, however, designed to help you ‘get’ science at a level you never thought possible, and also to bring you to the point where tackling more traditional science resources won’t be a terrifying, lump-in-your-throat, I-don’t-think-I’ll-survive experience.” Robertson serves as your friendly guide, one with a comforting knack for anticipating fears, meeting information needs, and entertaining as he edifies.

## Kits & Modules

---

### **18th Century Electricity Kit and Curriculum**

\$250-300

Carolina Biological

<http://www.carolina.com>

755807

Designed by The Bakken, a library and museum of electricity, supported in part by the National Science Foundation. Kit includes materials for reproducing a number of important historical experiments that aided the development of the principal concepts of electricity. A full-color, well-produced video traces the history of electricity. Includes instructions.

### **AIMS Magnet Lab**

\$60-70

AIMS Education Foundation

<http://www.aimsedu.org/item/3150/mostly-magnets-lab/1.html>

3150

The AIMS Magnet Lab provides the magnets needed for the publication Mostly Magnets. The lab consists of: 100 ring magnets, two Cow magnets, and four Magnetic Field Viewers. This configuration provides sufficient ring magnets for class of up to 32 students.

### **Classroom Attractions - Level 3**

\$70-80

Dowling Magnets

<http://www.dowlingmagnets.com/>

CK300

Grades 4-6, Ages 9-12. Includes: 5 Alnico bars, 5 Alnico horseshoe magnets, 5 flexible magnet discs, 5 compasses, 5 corks, 5 dowels, 5 nails, 5 Lodestones, 5 pieces magnetic viewing film, 5 sets iron filings, 5 button magnets, 10 block magnets, 10 disc magnets, Demo bar magnet, and teacher activity guide.

### **Magnet Levitation Set**

\$20-25

Dowling Magnets

<http://www.dowlingmagnets.com/>

731100

Learn about equilibrium and magnetic fields while constructing a gravity-defying train. Kit includes: disc, ring, latch and neodymium magnets, standard and hi-force magnetic strips, plastic guide rails, compass, iron filings, wood blocks, nails and experiment and project book.

<b>Mammals Nature Kits</b>	\$25-30
Wildcare	
<i><a href="http://www.wildcarebayarea.org/site/PageServer?pagename=NatureEducation_Programs_Nature1">http://www.wildcarebayarea.org/site/PageServer?pagename=NatureEducation_Programs_Nature1</a></i>	
2 week rental. Nature Kits contain: a taxidermied animal in a life-like pose, information cards with important facts about the animal, facsimile ceramic bird eggs for students to handle in bird kits, ideas for integrated, thematic experiences, and a poster. Choose from: Badger, Beaver, Bobcat, Coyote, Deer, Fox, Harbor Seal, Mountain lion, Muskrat, Opossum, Porcupine, Rabbit, Raccoon, Sea lion, Skunk, Western Gray Squirrel.	
<b>Rock Music Kit</b>	\$15-20
National Energy Foundation	
<i><a href="http://www.nef1.org/">http://www.nef1.org/</a></i>	
Grades K-8. The music CD includes eleven lively new schoolhouse tunes on such topics as the uses of rocks and minerals, the production and use of electricity, the rock cycle, the geological time scale, the distribution of mineral resources, and Mohs' hardness scale. An accompanying 48 page songbook and teacher's guide provides melody line musical notation, plus learning activities built around the songs. Learning activities employ a combination of hands-on science and arts-related genres such as dance, theatre, creative movement, and creative writing to drive home the science concepts. In addition, a beautiful 17 x 23" full-color poster is included with the materials. The CD only is \$12.50 plus the same s/h."	
<b>Science in a Nutshell Magnet Magic</b>	\$35-40
Delta Education	
<i><a href="http://www.delta-education.com/">http://www.delta-education.com/</a></i> 750-2692	
Identify magnetic materials, and investigate polar strength. Observe an invisible magnetic field, make a magnetic compass, and learn to keep magnets strong.	
<b>Science in a Nutshell® Charge It! Static Electricity</b>	\$35-40
Delta Education	
<i><a href="http://www.delta-education.com/">http://www.delta-education.com/</a></i> WW-750-2571	
Investigate positively and negatively charged objects. Learn how to determine the presence and type of static charge in a body and how to store it.	
<b>Simple Circuit</b>	\$35-40
American Science & Surplus	
<i><a href="http://www.sciplus.com/">http://www.sciplus.com/</a></i> different items, see notes.	
An easy way to light up the kids' eyes! Teach them to wire a simple circuit with our basic components. The knife switch is mounted on a 1-1/2"x3" black-plastic base. The miniature plastic socket holds a standard flashlight bulb with a 14 mm dia screw base. We pack 6 volt and 3 volt round bulbs, or 1.5 volt bell-shaped bulbs, (5) to a package.(Bulbs are rated slightly higher to prevent them from burning out.) Or hook up the black plastic and metal 2" x 4-1/2" telegraph key with brass contacts and (2) termina	
<b>The AIMS Electricity Lab</b>	\$70-80
AIMS Education Foundation	
<i><a href="http://www.aimsedu.org/item/1972/electricity-lab/1.html">http://www.aimsedu.org/item/1972/electricity-lab/1.html</a></i> 1972	

The AIMS Electricity Lab has been designed to accompany Electrical Connections and provide enough equipment and supplies so the entire class can be involved in hands-on investigations at the same time. The lab consists of:

20 Bulb Holders  
12 Battery Holders  
25 Bulbs  
100 Mini-lights and Holders  
30 meters of Magnet Wire with 6" Leads  
10 meters of Bell Wire  
15 Ring Magnets  
1 Wire Stripper  
Instructions  
( batteries not included )

## Stickers/Games

---

### **Energy Ball**

\$3-4

Arbor Scientific

[www.arborsci.com](http://www.arborsci.com)

Demonstrate a closed circuit with this cool 1.5 inch ball with two small metal electrodes that, when touched simultaneously, make the ball flash and emit a strange tone.

## Teacher Guide/Reference/Curriculum

---

### **Electricity and Magnetism: Stop Faking It! Finally Understanding Science So** National Science Teachers Association

\$15-20

[http://www.nsta.org/store/product\\_detail.aspx?id=10.2505/9780873552363](http://www.nsta.org/store/product_detail.aspx?id=10.2505/9780873552363)

Available in book or e-book.

Shocked by static? Mixed up about magnets? Curious about currents? This book will help you get beyond memorizing electricity-related formulas, rules, and procedures so you can understand the topic at a deep level—deep enough to teach it with confidence and comfort. By covering the basics of static electricity, current electricity, and magnetism, the book develops a scientific model showing that electricity and magnetism are really the same phenomenon in different forms. A bonus feature: access to interactive software that you can download from the NSTA Web site. The software will help you investigate electrical circuits—from simple to complex—without having to buy a lot of expensive materials (or risking electrocution!). Electricity and Magnetism is the fifth title in the award-winning NSTA Press Stop Faking It! Series. As author Bill Robertson writes, “The book you have in your hands is not a textbook. It is, however, designed to help you ‘get’ science at a level you never thought possible, and also to bring you to the point where tackling more traditional science resources won’t be a terrifying, lump-in-your-throat, I-don’t-think-I’ll-survive experience.” Robertson serves as your friendly guide, one with a comforting knack for anticipating fears, meeting information needs, and entertaining as he edifies.

### **FOSS Magnetism & Electricity Teachers Guide**

\$90-100

Delta Education

<http://www.delta-education.com/>

To buy extra Teacher Guides for FOSS kits, buy separately from your Alameda County FOSS Representative: Comer Johnson (916) 983-1702.

<p><b>Magnetic Wand Discovery Guide</b> Educational Innovations, Inc. <i>http://www.teachersource.com</i> M-580 This guide explains the history of magnetism and how magnets are used today. It also includes 16 games, activities and experiments.</p>	\$2-3
<p><b>Mega-Magnet Book</b> Educational Innovations, Inc. <i>http://www.teachersource.com</i> BK-310 A book of over 30 activities for you and your students to do with super-strong neodymium magnets. This playfully illustrated book covers experiments such as attracting the magnetic ink in a dollar bill and removing the fortifying iron from breakfast cereal. Comes with two magnets. (Book without magnets is available for \$12.95: BK-300)</p>	\$20-25
<p><b>Mostly Magnets</b> AIMS Education Foundation <i>http://www.AIMSedu.org/</i> SKU: 1210 Grades 2-8. Attract your students to learn about the fascinating world of magnets. Hands-on activities will encourage exploration of the varied behavior of magnets and related science concepts. Principalmemente Imanes has Spanish/English student pages for the same price (product #1435).</p>	\$15-20
<p><b>Sing the Science Standards Songbook</b> Science Explosion, Inc. <i>http://www.scienceexplosion.com</i>  Join the "Science Explosion" as they sing over 50 songs written to the Science Standards. This is a great way for students in elementary and middle school to review the most important ideas in science. Songbook includes lyrics for the over 50 songs on the double-CD. Bring the Science Standards to life with "Sing the Science Standards with the Science Explosion."</p>	\$25-30
<p><b>Teaching Physical Science Through Children's Lit.</b> Amazon.com <i>http://www.amazon.com/Teaching-Physical-Science-Childrens-Literature/dp/1883822343/ref=sr_1</i> ISBN: 978-1883822347 Teaching Physical Science Through Children's Literature: 20 Complete Lessons for Elementary Grades. Activities like "Glitter Fish," etc.</p>	\$15-20

## Tools/Equipment

---

<p><b>1/4" x 1/10" Rare Earth Disc, Package of 50</b> Amazon.com <i>http://www.amazon.com/Rare-Earth-Disc-Magnets-Magcraft/dp/B00AZMQUMA/ref=sr_1_1?ie=UTF</i> ASIN: B00AZMQUMA MAGCRAFT® Magnets -</p>	\$15-20
---	---------

<b>14-piece assortment (731004)</b>	<b>\$1-2</b>
Dowling Magnets	
<a href="http://www.dowlingmagnets.com/">http://www.dowlingmagnets.com/</a>	
14-piece ceramic magnet assortment. Contains bar and round magnets. All black.	
<b>75dB Piezo Electric Buzzer</b>	<b>\$3-4</b>
Radio Shack	
<a href="http://www.radioshack.com">http://www.radioshack.com</a>	
273-053	
75dB Piezo Electric Buzzer, operates on 1.5-3VDC, carrying a maximum 15mA current. Buzzer tone rated 300-500Hz.	
<b>8 disc magnets (731003)</b>	<b>\$1-2</b>
Dowling Magnets	
<a href="http://www.dowlingmagnets.com/">http://www.dowlingmagnets.com/</a>	
Eight ceramic disc magnets. Black	
<b>Alnico Bar Magnet</b>	<b>\$6-7</b>
American Science & Surplus	
<a href="http://www.sciplus.com/">http://www.sciplus.com/</a>	
89326	
Package of 2. Pair of alnico bar magnets, each 7/16" x 1/4" x 3". Magnetized end to end with the North pole marked, the North end painted red and the South pole painted blue. Come with a pair of keepers and a wood separator bar.	
<b>Ceramic Disc Magnets: Large (735012)</b>	<b>\$3-4</b>
Dowling Magnets	
<a href="http://www.dowlingmagnets.com/">http://www.dowlingmagnets.com/</a>	
Six 1" ceramic disc magnets, assorted colors	
<b>Ceramic Disc Magnets: Small (735011)</b>	<b>\$3-4</b>
Dowling Magnets	
<a href="http://www.dowlingmagnets.com/">http://www.dowlingmagnets.com/</a>	
Ten 3/4" ceramic disc magnets, assorted colors	
<b>Disc Magnet with Adhesive Backing- 1/2" in Diameter - set of 250</b>	<b>\$7-8</b>
Amazon.com	
<a href="http://www.amazon.com">http://www.amazon.com</a>	
B005FMAH3I	
1/2" diameter, 1/32" thick ceramic magnets. Solid black in color with adhesive backing on one side.	

**Electronic Playground 50-in-one** \$45-50  
Amazon.com

[http://www.amazon.com/Electronic-Playground--one-Elenco-Games/dp/B00FYBWDHS/ref=sr\\_1\\_1](http://www.amazon.com/Electronic-Playground--one-Elenco-Games/dp/B00FYBWDHS/ref=sr_1_1)

Begin Electronics! Cool kit to introduce the beginner (age 10+) to the fabulous world of electronics. You will learn the basics of putting together circuits through over 50 projects building actual devices like an alarm, a radio, a metal detector and much more. The simple but complete instructions explain voltage, current resistance etc. The kit is a giant "breadboard" and wires that can be connected to form the circuits as explained in the instructions and all without soldering!

**Floating Magnets** \$3-4  
American Science & Surplus

<http://www.sciplus.com/91771>

Kids will find this interesting, and science teachers may find it useful, but we think the real allure of this magnetic game is, forgive us, betting on polarity. Six colorful plastic, reversible, donut-shaped 1-1/4" discs, with magnets inside them, are dropped onto a 6" plastic spindle. Each disk will either cling to or float above its neighbor, depending on the respective polarities. Mix up the disks, and it's a whole new game. Wager on who washes the dishes, takes out the dog, sleeps in the next day.

**Magnetic Marbles** \$45-50  
Educational Innovations, Inc.

<http://www.teachersource.com/M-625>

A tub of 400 colorful magnetic marbles. They attract and repel each other, making them interact in amazing ways. 5/8" diameter. (also available in bags of 20 for \$2.90: #M-620)

**Snap Circuits Jr. SC-100** \$25-30  
Amazon.com

[http://www.amazon.com/Snap-Circuits-Jr-SC-100-Kit/dp/B00CIXVITO/ref=sr\\_1\\_1?s=toys-and-gam](http://www.amazon.com/Snap-Circuits-Jr-SC-100-Kit/dp/B00CIXVITO/ref=sr_1_1?s=toys-and-gam)  
ASIN: B00008BFZH

Curious young minds can learn the basics of electronics as they build more than 100 exciting projects with this kit. Work on projects that make sound effects, engineer different types of alarms, build touch circuits and play games. Contains over 30 parts in all. No soldering is required -- pieces snap together. Requires 2 "AA" batteries, not included. Box measures 10" x 15" x 2". ALSO available in larger kit sizes

## Video

---

**Bill Nye: Electrical Current** \$35-40  
Disney Education Products

<http://www.edustation.disney.com/68A85VL00>

Bill Nye the Science Guy gets a charge explaining watts up with electricity. Learn how electricity makes the world a brighter place.

Some titles available at public libraries. Berkeley school teachers can borrow from the Central Media

## **Bill Nye: Electrical Current DVD**

Disney Education Products

<http://www.edustation.disney.com>

77A10VL00

Bill Nye gets a charge out of explaining "watts up" with electricity. Learn how electricity makes the world a brighter place. In addition to the complete 26-minute episode of "Electrical Current," this disk is loaded with incredible DVD features like: \*Fully indexed "chapters" correlated to National Science Standards.

\*Interactive glossaries and quizzes.

\*Bonus footage of never-before-seen segments, interviews, and demos.

\*Spanish translation and closed-captioning.

\*On-disk implementation Guide.

\$45-50

Some titles available at public libraries. Berkeley school teachers can borrow from the Central Media

## **Bill Nye: Magnetism**

Disney Education Products

<http://www.edustation.disney.com>

68A87VL00

Visit all kinds of unexpected places where magnets can be found. Find out how to make a compass and why opposites attract.

\$35-40

Can borrow from the Alameda County Office of Education, some titles available at public libraries. Berkeley school teachers can borrow from the Central Media Library at Berkeley High School.

## **Bill Nye: Magnetism DVD**

Disney Education Products

<http://www.edustation.disney.com>

77A14VL00

Bill shows all kinds of unexpected places where magnets can be found. In fact the Earth itself is a huge magnet! Find out how to make a compass and why opposites attract. In addition to the complete 26-minute episode of "Magnetism," this disk is loaded with incredible DVD features like:

\*Fully indexed "chapters" correlated to National Science Standards.

\*Interactive glossaries and quizzes.

\*Bonus footage of never-before-seen segments, interviews, and demos.

\*Spanish translation and closed-captioning.

\*

\$45-50

## **Bill Nye: Static Electricity**

Disney Education Products

<http://www.edustation.disney.com>

68A88VL00

Why do socks stick together when taken from the dryer? Learn the shocking truth in this program on static electricity.

\$35-40

Some titles available at public libraries. Berkeley school teachers can borrow from the Central Media

## **Science in Action**

Foundation for Biomedical Research

<http://www.fbresearch.org>

K-4 animated video designed to excite children about science. Included with video are a teacher's guide/activity booklet and activity sheets. The video is a story about a scientist who takes a young boy and his sister on an adventure through time and space. They encounter everything from meteors to dinosaurs and realize that science is part of practically everything around them. (8 minutes)

\$20-25

## **Sunken Treasure (Reading Rainbow)**

GPN Educational Media

<http://shopgpn.com/>

Product Code: 126.0070V

A hurricane off the coast of Florida in 1662 caused the Atocha, a Spanish galleon, to sink. This book describes the many-years-long search for the treasure believed to be on it. LeVar uses a metal detector to help him search for the treasure, and explains how a metal detector works. An old treasure map leads LeVar on an exciting treasure hunt. He uses every device known to man to find the treasure—including a bloodhound. Then it is on to the most famous shipwreck in history—the Titanic. Viewers meet Dr. Robert Ballard, who tells how he found the Titanic wreckage and the equipment he developed and used to find it.

\$25-30

Can borrow this video  
(# 10171) at ACOE,  
\$5/3 days.