

General Science & Humans

from One Home Library

Contents

Humans & Health

Earth & Space

Plants

Inventions, Discoveries, Machines

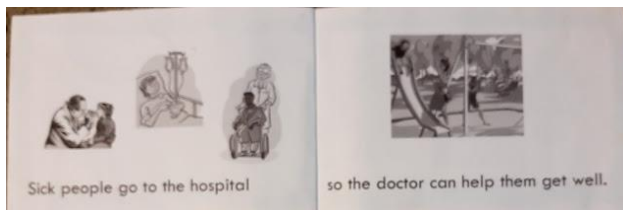
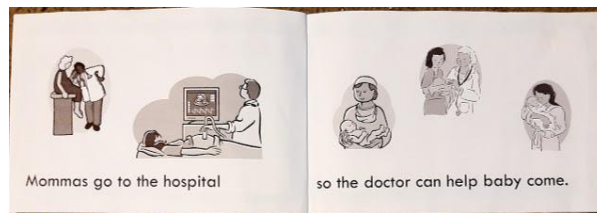
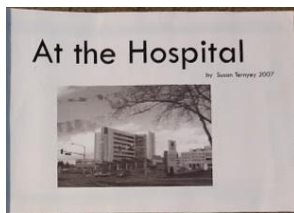
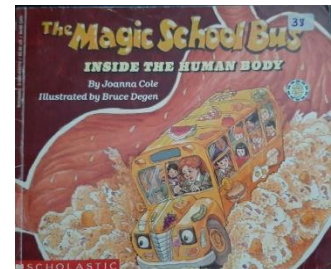
Science Activity books

General Science Books

Humans & Health



- The Foot Book by Dr. Seuss—DRA 8, grade 1 reading
- My Tooth is About to Fall Out, by Grace Maccarone—(Scholastic Reader Level 1, 1st grade)
- Made From Milk by Susan Ternyey—grade 1 (cut & paste edition; illustrated version)
- At the Hospital by Susan Ternyey—1st grade reading, read aloud to younger
- The Human Body (see-through view of how our bodies work)—primary grades
- Your Body (Usborne Beginners)—age 4+, illustrations & photographs, short text, 690 lexile
- First Encyclopedia of the Human Body (Usborne)—age 5+ photos, diagrams, scans, x-rays, microscope images, experiments, timeline medical history, great scientists
- Human Body sticker book (Usborne)—ages 8+ (<https://usborne.com/browse-books/catalogue/product/1/7009/human-body-sticker-book/>)
- Germs Make Me Sick by Melvin Berges—2nd grade reading, read-aloud to younger children
- The True Story of Smokey Bear booklet (fire safety)—read aloud to Primary grades
- “Eat to Win” game (QFC), use die or spinner—Primary grades
- “Nutrition Nuts” game by ST
- The Magic School Bus Inside the Human Body by Joanna Cole
—DRA 38, grade 3-4
- Anatomy (Quick Study Academic) Reference, all ages
- What’s Happening to Me? by Alex Frith (Usborne What’s Happening? series)—boys, puberty
- What’s Happening to Me? by Nancy Leschnikoff (Usborne What’s Happening? Series)—girls 9+



Earth & Space—arranged by grade level

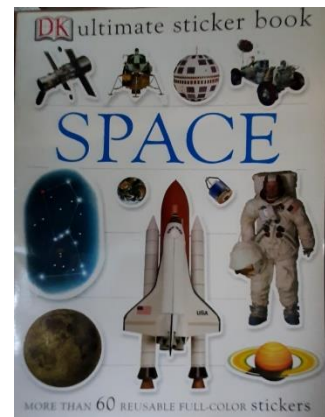
Creation and Science Summer School
a 7 week course (26 days)

Some people feel that the Biblical Creation story and Science are mutually exclusive. However, if we are humble enough to admit that we neither know all there is to know about God and how He created the earth, nor do we know all there is to discover by scientific methods and hypotheses, we can allow for temporary discrepancies with the faith that eventually the whole Truth will come together – “for now we know in part, and we prophesy in part. But when that which is perfect is come, then that which is in part shall be done away. When I was a child, I understood as a child, I thought as a child: but when I became a man, I put away childish things. For now we see through a glass darkly; but then face to face: now I know in part, but then shall I know even as also I am known.” 1 Corinthians 13:9-12

Sample <u>Creation Days</u> booklet	pp. 15-33
Week 1—Genesis 1:1-5 “Let there be light”	
Day 1—earth, rocks	34
Day 2—earth, dirt	36
Day 3—light & shadows	38
Day 4—light, day & night, optics	40
Week 2—Genesis 1:6-8 “God called the firmament [sky] Heaven”	
Day 1—atmosphere, clouds & states of water	43
Day 2—air	48
Day 3—weather, temperature	53
Day 4—weather, storms	56
Week 3—Genesis 1:9-13 “Earth . . . Seas . . . [plants]”	
Day 1—water fun & experiences	60
Day 2—more water fun & experiments	62
Day 3—plant parts we eat, matching seeds & plants	67
Day 4—plant propagation	73
Week 4—Genesis 1:14-19 “lights in the firmament . . . for seasons”	
Day 1—sun & stars	78
Day 2—earth/moon and solar system	85
Day 3—seasons	89
Day 4—seasons too	93
Week 5—Genesis 1:20-23 “fill the waters in the seas, and . . . fowl”	
Day 1—fish	99
Day 2—other water creatures	107
Day 3—birds	112
Day 4—birds and flight	117
Week 6—Genesis 1:24-31 “God made the beast of the earth . . . And . . . God created man”	
Day 1—kinds of animals	120
Day 2—habitats or where they live	126
Day 3—our bodies	141
Day 4—all different people	148
Week 7—Genesis 2:1-3 “And on the seventh day God ended his work”	
Day 1—rest and recreation/play	149
Day 2—creativity	159

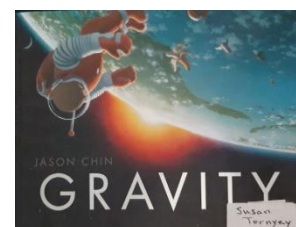
Creation and Science Summer School (a 7-week course, 26 days) —grades K-2 by Susan Ternyey

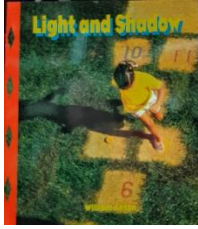
Space (DK ultimate sticker book) —grades K-3, more than 60 reusable full-color stickers



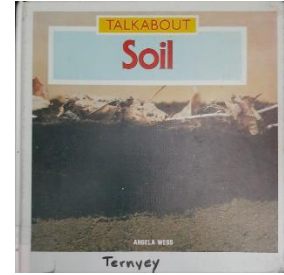
Moons calendar, pictures of different phases of the moon

Gravity by Jason Chin (Scholastic)—grade 1
Adult help with vocabulary until it is familiar.

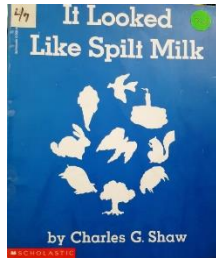
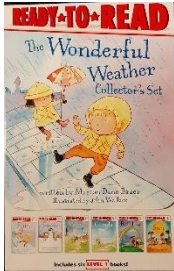




Light and Shadow by William Anton—grade 1



Soil by Angela Webb (Talk About series)—grade 1

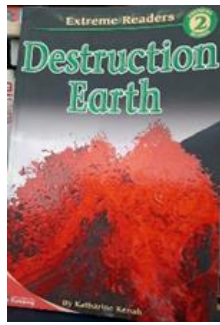
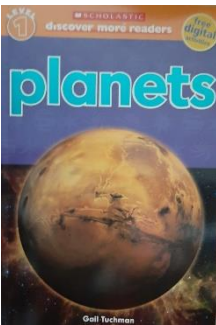
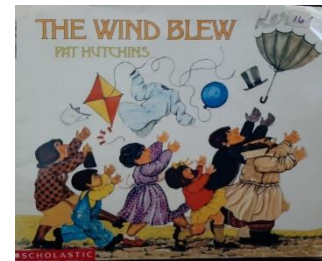
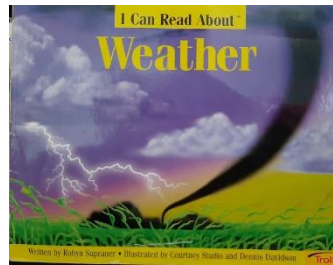


The Wonderful Weather Collector's Set by Marion Dane Bauer
(Ready to Read Level 1)

It Looked Like Spilt Milk by Charles G. Shaw (Scholastic)—
DRA 7-8, grade 1; this may not seem very scientific, but it helps to develop the scientific (and artistic) skill of seeing, noticing/observing, looking for patterns/things recognizable



Day and Night by Shira Evans (National Geographic Kids) Level 1, You Read/I Read—grade 1-2

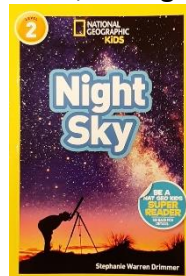
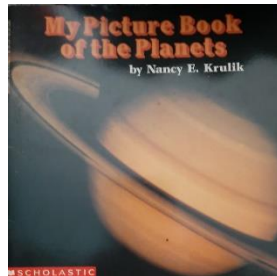


Weather by Robyn Supraner (Troll I Can Read About series)
—DRA 16, grade 1-2

The Wind Blew by Pat Hutchins (Scholastic)
—DRA 16, grade 1-2

Planets by Gail Tuchman (Scholastic Discover More Readers Level 1)—grades 1-2

Destruction Earth by Katharine Kenah (Extreme Readers)
—Level 2, Emergent, grades 1-2



Volcanoes! By Kenn Goin and Christopher Nicholas (Learning Horizons, Know It Alls)—grade 2

My Picture Book of the Planets by Nancy E. Krulik (Scholastic)—grade 2

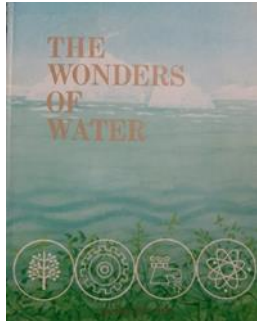
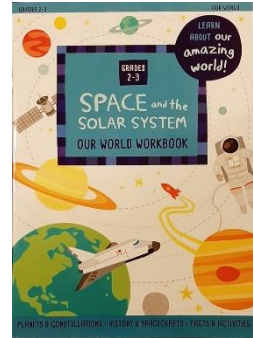
Night Sky by Stephanie Warren Drimmer (National Geographic Kids, Level 2 reader)—grade 2

Solar System/Le Systeme Solaire/El Sistema Solar placemat—grade 2



Treasures of the Earth/Tresors de la Terre—gems, stones, and minerals placemat—grade 2

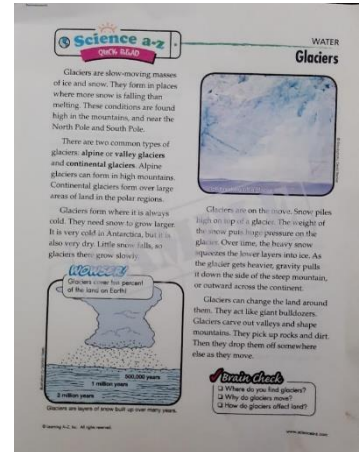
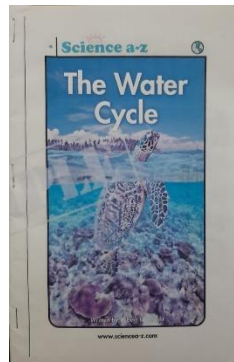
Space and the Solar System (Our World Workbook)—grades 2-3



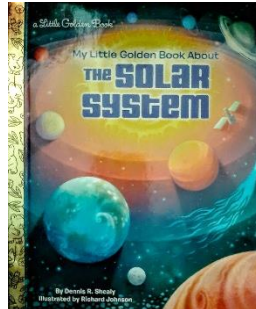
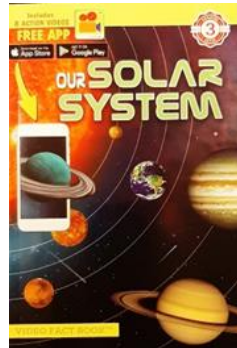
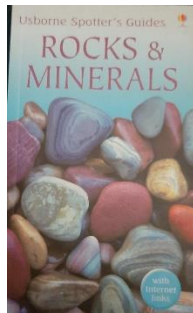
The Wonders of Water (California State Dept of Education)—grade 2-3

The Water Cycle
by Robert N. Knight
(www.sciencea-z.com)
—grades 2-3

Glaciers (for water unit—
www.sciencea-z.com)
—grades 2-3

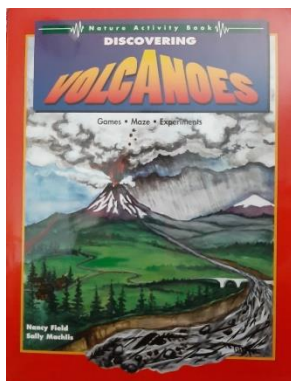


Rocks & Minerals (Usborne Spotter's Guides)—grades 2-5



Our Solar System by Kathryn Knight
(Video Fact Book, Bendon Level 3 reader)—grade 3

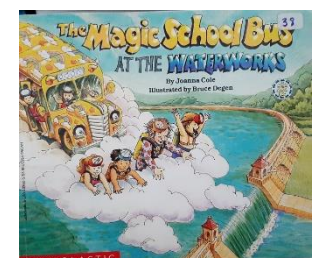
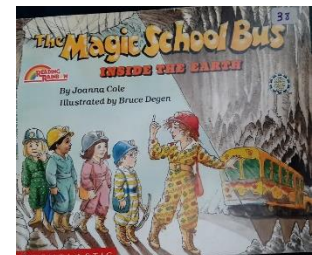
The Solar System by Dennis R. Shealy
(Little Golden Book)—gr 3

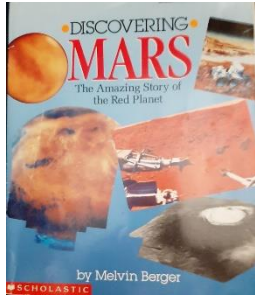


Discovering Volcanoes by Nancy Field & Sally Machlis (Nature Activity Book—grade 3

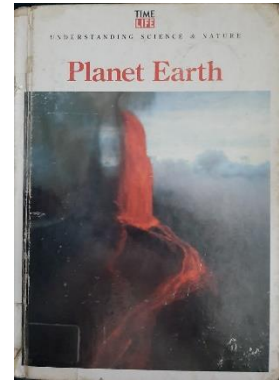
The Magic School Bus Inside the Earth by Joanna Cole (Scholastic)—DRA 38, grade 3-4

The Magic School Bus at the Waterworks by Joanna Cole—DRA 38, grade 3-4

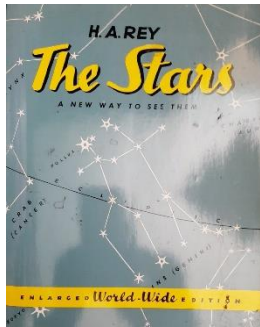




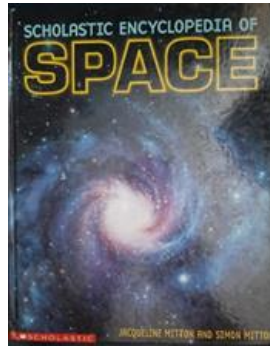
Discovering Mars: The Amazing Story of the Red Planet by Melvin Berger (Scholastic)—gr 3-4



Planet Earth (TimeLife Understanding Science & Nature)—reference grades 3-5

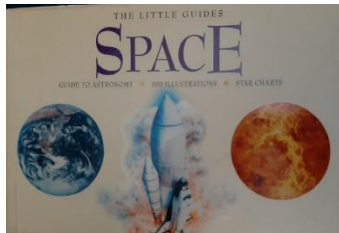


The Stars by H.A. Rey—grades 3-7



The Big Atlas of the Earth and Sea: The Forces That Make and Shake Our Planet—grades 3-6

Scholastic Encyclopedia of Space by Jacqueline Mitton and Simon Mitton—reference grades 3-7

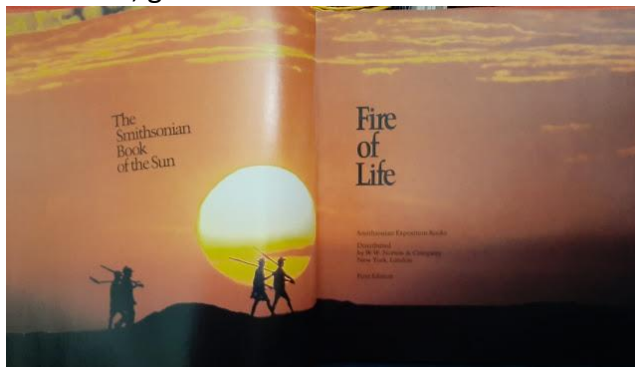


Solar System/Systeme Solaire place mat, reference or grades 5-7

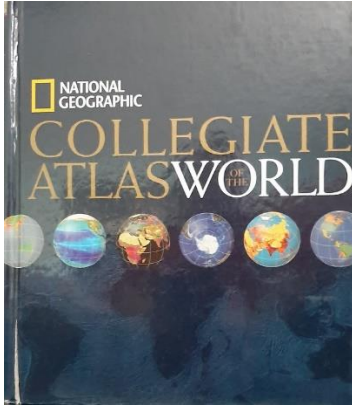
Space (The Little guides)—reference, grades 5-7



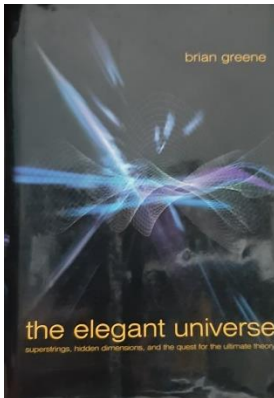
Fire of Life (Smithsonian Book of the Sun)—reference, grades 5-7



Rocks, Minerals, & Gems: The definitive visual catalog of the treasure beneath your feet by Sean Callery and Miranda Smith (Scholastic), features more than 1000 incredible examples. Grades 5-7 and browsing/reference



National Geographic Collegiate Atlas of the World



The Elegant Universe by Brian Greene (and other works)

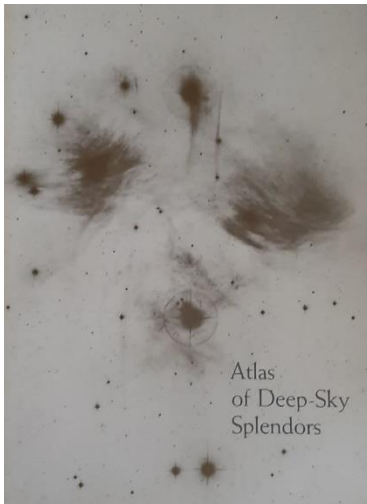
--HS/adult; PBS made a series "The Elegant Universe" with Brian Greene\

See also

A Brief History of Time by Stephen Hawking (and other works)

"NYU DC Dialogues presented, "A Brief History of Time." This event featured a two-and-a-half-hour lecture..."

<https://www.nyu.edu/washington-dc/nyu-washington--dc-events/a-brief-history-of-time.html>



Atlas of Deep Sky Splendors by Hans Vehrenberg

(photo at left is title page, as the cover didn't show anything)

HS/adult with deep interest in astronomy

Plants

ABCedar: An Alphabet of Trees by George Ella Lyon—grades 1-adult

Leaves by Carol Lawrence (Baby Explorer boardbook)—grade 1

(or read aloud, more detail than you might think for a board book)

Roots by Patricia Whitehouse (Plants series, Heinemann Read and Learn)—grade 1

Flowers & Seeds (Step by Step Science Series)—grades K-3

Flowers calendar, photos of different flower shapes to discuss—grade 1

More Potatoes! By Millicent E. Selsam (Science I Can Read)—grade 1-2

Mushrooms and Other Fungi by Cheryl Jakab (Sunshine Books, Level 9)—grade 2

About Trees by Sherry Sterling (www.readinga-z.com)—Level P, DRA 30, grade 3

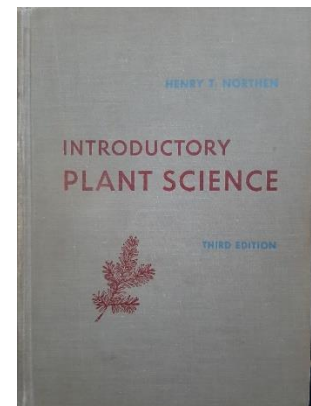
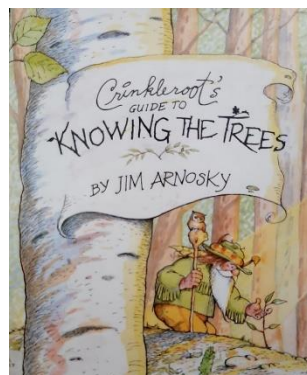
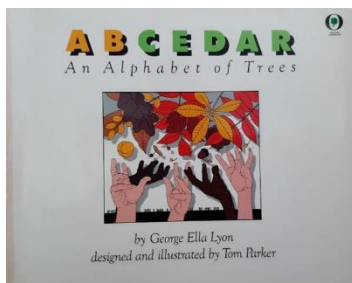
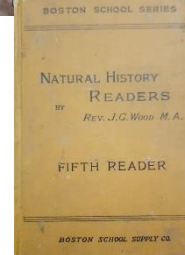
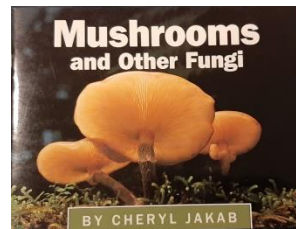
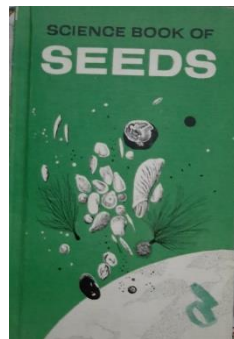
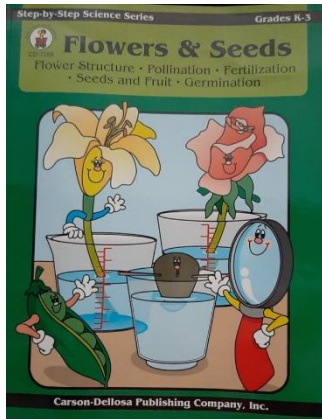
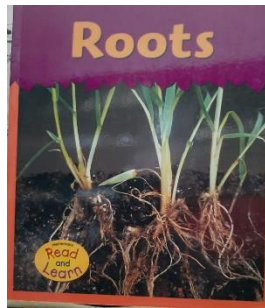
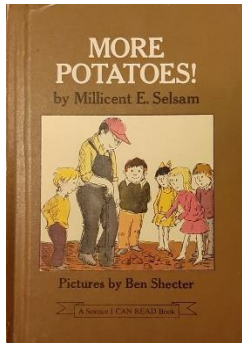
Crinkleroot's Guide to Knowing the Trees by Jim Arnosky—grades 3-5

Science Book of Seeds by George Ten Broeck—grades 3-5

Natural History Readers by Rev. J.G. Wood M.A.—5th reader

Introductory Plant Science by Henry T. Northern—HS/Adult, or reference

"Common Edible Wild Plants" paper by Stephen L. Clark, Weber State College



Inventions, Discoveries, Machines

Flying by Donald Crews (Scholastic)—grade 1

Where Paper Comes From by Susan Ring (Time For Kids Readers)—grade 1

Charlie Needs a Cloak by Tomie dePaola—grade 1

Where Jeans Come From by Lucy Floyd (Silver Burdett Ginn Leveled Readers, stage 5, level 28)—gr 2

The Story of Jeans by Elizabeth Austin (www.readinga-z.com)
Leveled Reader M, DRA 24, gr 2

How We Get Our Cloth by Edith S. McCall—grade 2

Cloth by Esther Nighbert (True Book series)—grade 2

Super Ships Coloring & Activity Book (Creative Child Press)—grade 2

Leonardo da Vinci by Ibi Lepscky (Children of Genius series)—grade 2-3

Simple Machines by Rae Bains (Troll Associates)—grades 2-3

The Book of Foolish Machinery by Donna Lugg Pape (Scholastic)—grade 3

Historic Sailing Ships coloring book by the Tre Tryckare Company (Dover) gr 3-7

Incredible Cross-Sections by Stephen Biesty—browsing, reference, all grades
Sky Pioneers: The Story of Wilbur and Orville Wright

by Jeanne LeMonnier Gardner—gr 3-4

How Things Began by Mary Jean McNeil (Usborne)—grades 3-5

The World Record Paper Airplane Book by Ken Blackburn—grades 3-7

How Things Work by Neil Ardley (Readers Digest)—for ages 8-14

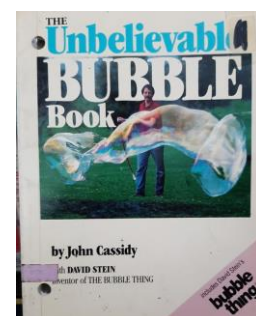
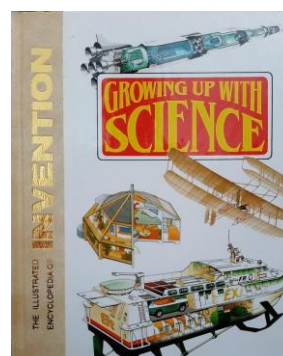
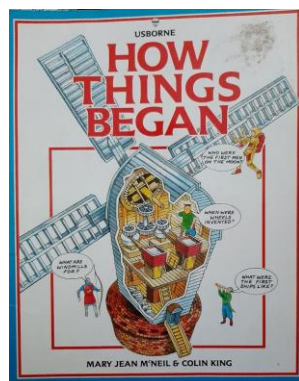
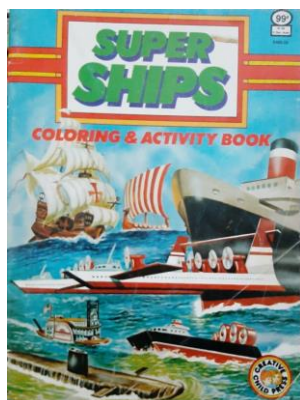
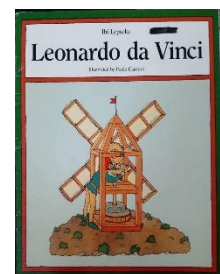
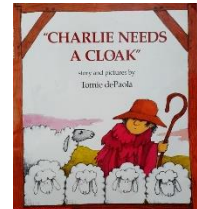
The Illustrated Encyclopedia of Invention (Growing Up with Science)—gr 5-7

The Unbelievable Bubble Book by John Cassidy—grades 5-7

Seeing the Evidence: Forensic Scientists at Work by Ron Fridell
(www.readinga-z.com) Level X, DRA 44, grade 4

How It Works Book of Amazing Technology (Imagine Publishing),
book & magazines—gr 6-adult; slides of inside at:

[https://issuu.com/patrickho77/docs/how it works - book of amazing tech](https://issuu.com/patrickho77/docs/how_it_works_-_book_of_amazing_tech)



Science Activity books

Diggin' Discovery Dinosaurs Workbook with reward stickers—gr K-2

Science Projects (Our World Workbook)—grades 2-3

Physics Tricks Science Projects workbook—grades 2-3

More Science Surprises from Dr. Zed by Gordon Penrose—gr 2-3

Sound by Robert N. Knight (www.sciencea-z.com)—grades 2-3

Magnify and Find Out Why by Julius Schwartz (Scholastic)—grade 3

Chemistry (Creative Teaching Press, Investigations in Science)—abt gr 3

Matter & Energy by Daniel J. Spero (Science Mini-Unit)

—Intermediate, gr 3-5

More than 100 Experiments for Science Fairs and Projects by Vicki Cobb (Scholastic)—grade 3-5

Science in Art by George and Shirley Coulter (Rourke Science Projects)—grades 3-5

Discovering Electricity by Neil Ardley (Action Science)—grades 3-5

Let's Build an Invention: A step-by-step guide (DK)—grades 3-7

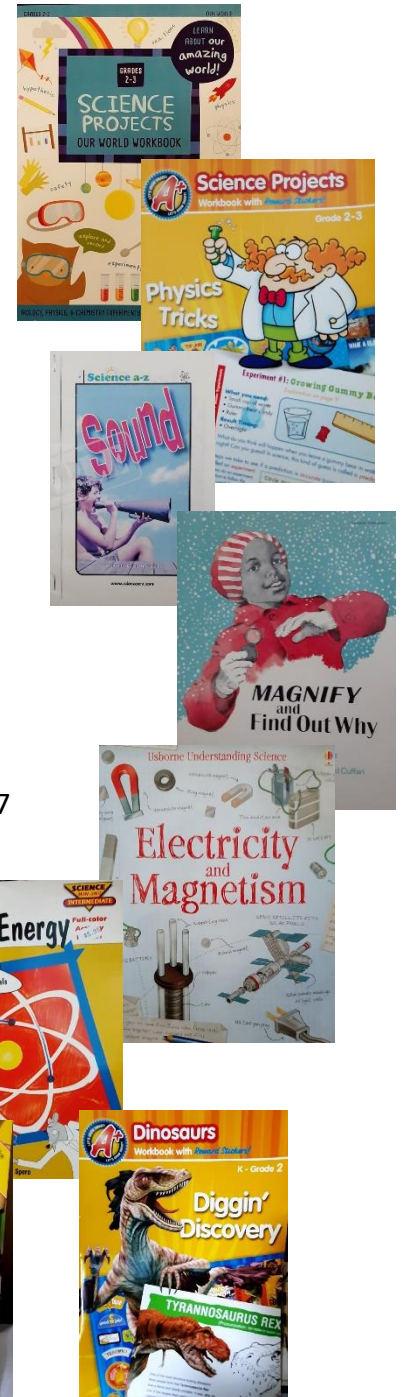
Gross Science by Paul Beck (Scholastic) 25 experiments

from the disgusting side of science!—gr 3-8, guided reading R

Quick Science by Herman & Nina Schneider,

experiments you can do in a minute—gr 4-6

Electricity and Magnetism (Usborne Understanding Science)—grades 5-7



General Science Books

Properties by Susan Ternyey—grade 2; “properties” are how you can describe something

Concepts in Science (Harcourt, Brace & World—level red)—grade 2

Science in Our World (Heath Elementary Science 5)—grade 4

Encyclopedia Science Supplement 1982—grades 5-7

Science! (DK, Smithsonian)—grades 5-7 & reference