

Most Recommended Books to Extend the K-5 Science Units

PRE-K

Building Structures Unit

Amazing Buildings by Kate Hayden

Building a House by Byron Barton

Changes, Changes by Pat Hutchins

A Day in the Life of a Builder by Linda Hayward

Houses and Homes by Ann Morris

Exploring Water Unit

I am Water (Hello Reader Science Series) by Jean Marzollo

Water as a Liquid by Helen Frost

I Get Wet by Vicki Cobb

We Use Water (National Geographic) by Nick Bruce

KINDERGARTEN

Fabric Unit

Fibers from Plants by Jo Massam-Windsor

Animal Fibers by Jo Massam-Windsor

Fibers Made by People - Fred & Jeanne Biddulph (One copy comes in the unit with a reading lesson.), The Wright Group

Fabric FOSS Science Stories, Delta Education, 1-800-258-1302

Animals 2X2 Unit

Snails in School! – Christine Economos, Newbridge Educational Publishing, 1999.

Snail's Spell – Joan Ryder; Penguin

**How It Works: How Nature Works-100 Ways Parents and Kids Can Share the Secrets of Nature* – by David Burnie (Amazon.com-On Amazon.com, it says author unknown.)

Animals 2X2 FOSS Science Stories, Delta Education, 1-800-258-1302

Wood Unit

Wood FOSS Science Stories, Delta Education, 1-800-258-1302

FIRST GRADE:

All Units

**What is a Scientist?* by Barbara-Lehn

This can be used for grade-level reading instruction for mid-to late year first grade. It is an award- winning book.

Weather Unit

The Cloud Book- Tomie de Paola

What Will the Weather Be? - Lynda DeWitt

The ideas presented in the above two books are easy enough for first graders to understand but too difficult for most of them to read independently.

Organisms Unit

**A Mealworm's Life* – John Himmelman; Children's Press, 1999.

SECOND GRADE:

Balancing & Weighing Unit

Math Counts – Weight by Henry Pluckrose, Childrens Press

Liquids Unit

**Solving Dissolving* by Kevin Beals. Seeds of Science, Roots of Reading, Delta Education

**Water Dance* - Thomas Locker

A read aloud book presents a poetic text with inspiring paintings to show various aspects of water in our environment. The vocabulary helps extend that of the reader. Water facts are presented at the end of the read-aloud section. This is helpful for the teachers and interested students. This book can be used after lesson 7.

Soils Unit

A Log's Life by Wendy Pfeffer, Simon and Schuster

An Earthworm's Life by John Himmelman, Children's Press

Compost! Growing Gardens from Your Garbage by Linda Glaser, Millbrook Press

Life Cycle of an Earthworm by Bobbie Kalman, Crabtree Publishing Co.

Soil by Christin Ditchfield, True Books, Children's Press.

THIRD GRADE

Plant Growth and Development Unit

**Insects and Plants* FOSS Science Stories, Delta Education, 1-800-258-1302

From Seed to Plant. Gibbons, Gail.

Explores the intricate relationship between seeds and the plants that they produce.

How Do Apples Grow? Maestro, Betsy.

Describes the life cycle of an apple from its initial appearance as a spring bud to that point in time when it becomes a fully ripe fruit.

Reason For a Flower. Heller, Ruth.

Brief text and lavish illustrations explain plant reproduction and the purpose of a flower.

Sound

Sounds All Around by Wendy Pfeffer

Sound by Darlene Stille

Hearing Sounds by Sally Hewitt, Children's Press

Rocks and Minerals

Everybody Needs a Rock by Byrd Baylor

Fossils Tell of Long Ago by Alike

Let's Go Rock Collecting by Roma Gans

*STC Book: *Rocks & Minerals* – Carolina Biological, 800-227-1150 or go to http://www.carolina.com/stc/second_edition/sec_ed_bks_descriptions.asp **NEW**
Spring 2007

The DK Eyewitness Books relating to each unit are another exciting resource that students enjoy.

FOURTH GRADE:

Circuits & Pathways Unit

Electricity - Peter Wiley, Franklin Watts

Discovering Electricity - Natalie Lewis, Newbridge

*STC Book: *Electric Circuits* – Carolina Biological, 800-227-1150 or go to http://www.carolina.com/stc/second_edition/sec_ed_bks_descriptions.asp

Ecosystems Unit

**What Are Food Chains and Webs?* A Bobbie Kalman Book

*STC Book: *Ecosystems* – Carolina Biological, 800-227-1150 or go to http://www.carolina.com/stc/second_edition/sec_ed_bks_descriptions.asp

Food Chemistry Unit

Food and Your Health - Jillian Powell, Roundtree Steck-Vaughn

STC Book: *Food Chemistry* – Carolina Biological, 800-227-1150 or go to http://www.carolina.com/stc/second_edition/sec_ed_bks_descriptions.asp

FIFTH GRADE:

Land and Water Unit

**Erosion* – Delta Science Readers

Drop in My Drink - Meredith Hooper

**The Water Cycle* – Trudi Strain Trueit

Water Dance – Thomas Locker

Models & Designs Unit

**Models and Designs* FOSS Science Stories, Delta Education, 1-800-258-1302

Force & Motion - Peter Lafferty, Kindersley

Microwords Unit

**Cells Are Us* – Dr. Fran Balkwill; Carolrhoda Books

**The World of the Cell: Life on a Small Scale* – Robert Snedden, Heinemann

You can go to the District's Elementary Science Book List by doing the following:
Go to the District's Web site inside.seattleschools.org.
Go to Departments and Services.
Next go to Library Services.
Next go to Idea Bank and then to Recommended Booklist and Bibliographies.
Finally, go to Elementary Science Bibliography 2006.

OR, go to this link:

<http://inside.seattleschools.org/area/libraryservices/bibliographies/elemsci/esindex.html>

The books included in the units are:

Kindergarten

Fabric

Big Book "Fabric" 1/box (These have been covered with contact paper to last longer.)

1st Grade

Organisms

A Pill Bug's Life 15/box (These books come within the regular plastic science unit box.)

2nd Grade

Liquids (Insights)

FOSS *Solids & Liquids* 12/box

4th Grade

Food Chemistry (STC)

STC Books 12/box

Circuits & Pathways (Insights)

STC Books (*Electric Circuits*) 16/box

Ecosystems (STC)

STC Books 8/box

5th Grade

Land & Water (STC)

Salmon 15/box

Erosion 15/box (These books come in a bigger box. The rest of them come in a smaller box.)

Microworlds (STC)

STC Books 16/box

Models & Designs (FOSS)

FOSS Books 8/box (They are in the plastic science boxes.)