

## Most Recommended Books to Extend the K-5 Science Units

### **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.

**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

***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](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](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](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](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

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**The books included in the science kits are:**

**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.)

**4th Grade**

Food Chemistry (STC)

STC Books 12/box

Circuits & Pathways (Insights)

STC Books ( *Electric Circuits*) 16/box

Ecosystems (STC)

STC Books 8/box

**2nd Grade**

Liquids (Insights)

FOSS Solids & Liquids 12/box

**1st Grade**

Organisms

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

**Kindergarten**

Fabric

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