

# FAMILY ADVENTURES WITH MATH & SCIENCE

## *Family Adventures With . . . BOOKS*

### **Books for children:**

Reading is a great way to communicate science concepts to your child. Some books lend themselves more to in-depth and specific science discussion. Below are some suggestions of books to enjoy with your child. Not all the books listed will be available in your area. ***Check with your public library or elementary school library for these and other books.*** If available, most of the books below will be found in the picture book section of the children's library but several excellent books can be found in the nonfiction section.

### **LIFE SCIENCE**

Buscaglia, Leo. *The Fall of Freddie the Leaf.*  
Carle, Eric. *The Tiny Seed.*  
McCloskey, Robert. *Make Way for Ducklings.*  
VanAllsburg, Chris. *Two Bad Ants.*  
Carle, Eric. *The Very Busy Spider.*  
Carle, Eric. *The Grouchy Ladybug.*  
dePaola, Tommie. *Michael Bird-Boy.*

### **EARTH AND SPACE SCIENCE**

Lewis, Thomas P. *Hills of Fire.*  
Baylor, Byrd. *Everybody Needs a Rock.*  
Ryder, Joanna. *Simon Underground.*  
Livingston, Myra Cohn. *Space Song.*

### **PHYSICAL SCIENCE**

Cendrars, Blaise. *Shadows.*  
Carle, Eric. *The Secret Birthday Message.*  
Johnston, Tony. *Farmer Mack Measures His Pig.*  
Allen, Pamela. *Who Sank the Boat?*  
dePaola, Tommie. *Strega Nana's Magic Lesson.*

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## SCIENCE ACTIVITIES

Allison, Linda, and Martha Weston. *Pint-Size Science: Finding-out Fun for You and Your Young Child*.

Carlson, Laurie. *Green Thumbs*.

Cohen, Richard. *Snail Trails and Tadpole Tails*.

Goin, Kenn, Eleanor Ripp, and Kathleen Nastasi Solomon. *Bugs to Bunnies: Hands-on Animal Science Activities for Young Children*.

Harlan, Jean Durgin, and Carolyn Good Quattrocchi. *Science As It Happens*.

Milford, Susan. *The Kid's Nature Book*.

Moomaw, Sally, and Brenda Heironymous. *More than Magnets: Exploring the Wonders of Science in Preschool and Kindergarten*.

Rockwell, Robert E., Elizabeth A. Sherwood, and Robert A. Williams. *Everybody Has a Body: Science from Head to Toe*.

Ross, Michael. *Sandbox Scientist*.

Sherwood, Elizabeth A., Robert E. Rockwell, and Robert A. Williams. *More Mudpies to Magnets: Science for Young Children*.

Warner, Penny. *Splish, Splash*.

### **Internet Sites \*:**

- ◆ U.S. Department of Education, Office of Educational Research and Improvement: [www.ed.gov/pubs/parents](http://www.ed.gov/pubs/parents)
- ◆ Helping Your Child Learn Science: [www.ed.gov/pubs/parents/Science](http://www.ed.gov/pubs/parents/Science)
- ◆ Yahoooligans: [www.yahooligans.com](http://www.yahooligans.com)
- ◆ Pitsco's Ask An Expert: [www.askanexpert.com](http://www.askanexpert.com)
- ◆ Bill Nye – The Science Guy: [www.nyelabs.com](http://www.nyelabs.com)
- ◆ 700+ Great Sites: [www.ala.org/parentspage/greatsites/science.html](http://www.ala.org/parentspage/greatsites/science.html)

\* CASMEO has provided some suggested Internet sites that might be useful to parents. However, CASMEO has not participated in the development of the sites listed, does not exert any editorial or other control over the sites' content, and does not endorse any products or services.

Adapted from *Science through Children's Literature An Integrated Approach* by Carole M. and John W. Butzow, Teacher Ideas Press, 1989.

and

Adapted from *Dialogue on Early Childhood Science, Mathematics and Technology Education* by the American Association for the Advancement of Science, 1999.