

Educational Resource Center

Teaching Science in the Elementary School

June 2008



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<http://www.bridgew.edu/Library/erc.cfm>

Bridgewater State College

- Cur Lib Gen
LB1585
A29
2004
Abruscato, Joseph. Teaching Children Science: a Discovery Approach.
MA: Allyn and Bacon, 2004.
- Cur Lib Gen
LB1585
B27
1998
Barba, Robertta H. Science in the Multicultural Classroom:
A Guide to Teaching and Learning. MA: Allyn and Bacon, 1998.
- Cur Lib Gen
QH51
B247
Barkman, Robert. Science Through Multiple Intelligences: Patterns
That Inspire Inquiry. AZ: Zephyr Press, 1999.
- Cur Lib Gen
QH541.2
B38
Basile, Carole G. Nature at Your Doorstep: Real World Investigations for
Primary Students. CO: Teacher Ideas Press/Libraries Unlimited, 1997.
- ERC Gen
LB 1585
B63
2006
Bloom, Jeffrey W. Creating a Classroom Community of Young
Scientists. NY: Routledge, 2006.
- Cur Lib Gen
LB1585
B56
The Big Fearon Book of Doing Science: Explorations and Adventures in
Life, Earth and Physical Sciences for Grades 1-6. CA: Fearon Teacher
Aids, 1988.
- Cur Lib Gen
LB 1585
B843
1998
Butzow, Carol M. More Science Through Children's Literature: An
Integrated Approach. CO : Teacher Ideas Press, 1998.
- Cur Lib Gen
Q181
B967
Burz, Helen L. Performance-Based Curriculum for Science: from
Knowing to Showing. CA: Corwin Press, 1997.
- Cur Lib Gen
LB1585
B85
2000
Butzow, Carol M. Science Through Children's Literature: An Integrated
Approach. CO: Teacher Ideas Press, 2000.

- Cur Lib Gen
LB1585 Cain, Sandra E. Sciencing. NJ: Prentice Hall, 2002.
C23
2002
- ERC Gen
QA 16 Callard-Szulgit, Rosemary. Mind-Bending Math & Science Activities
C35 For Gifted Students. MD: Rowman & Littlefield Education, 2006.
2006
- Cur Lib Gen
LB1585 Carin, Arthur A. Activities for Teaching Science as Inquiry. NJ:
C269 Pearson/Merrill/Prentice Hall, 2005.
2005
- Cur Lib Gen
LB1585 Carin, Arthur A. Methods for Teaching Science as Inquiry. NJ:
C27 Pearson/Merrill Prentice Hall, 2005.
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- Cur Lib Gen
LB1585 Carin, Arthur A. Teaching Science As Inquiry. NJ: Merrill/Prentice-Hall,
C28 2001.
2001
- Cur Lib Gen
LB1585.3 Center for Science, Mathematics, and Engineering Education. Selecting
C45 Instructional Materials: a Guide for K-12 Science. DC: National
Academy Press, 1999.
- Cur Lib Gen
LB1585.3 Cerullo, Mary M. Reading the Environment: Children's Literature in the
C47 Science Classroom. NH: Heinemann, 1997.
- Cur Lib Gen
Q181 Chaille, Christine. The Young Child As Scientist: a Constructivist
C414 Approach to Early Childhood Science Education. MA: Allyn and
2003 Bacon, 2003.
- Cur Lib Gen
QA135.5 Charlesworth, Rosalind. Math and Science for Young Children.
C463 NY : Thomson Delmar Learning, 2007.
2007

- Cur Lib Gen
Q181 DeVito, Alfred. Creative Sciencing: Experiments for Hands-on Learning.
D482 NJ : Good Year, 2001.
2001
- Cur Lib Gen
LB1585.3 Enger, Sandra K. Assessing Student Understanding in Science : A
E53 Standards-based K-12 Handbook. CA : Corwin Press, 2001.
2001
- Cur Lib Gen
LB1585 Esler, William K. Teaching Elementary Science: a Full Spectrum Science
E84 Instruction Approach. CA: Wadsworth, 2001.
2001
- Cur Lib Gen
LB1585 Friedl, Alfred. Teaching Science to Children: An Inquiry Approach.
F69 MA: McGraw-Hill, 2005.
2005
- Cur Lib Gen
LB 1585.3 Glandon, Shan. Caldecott Connections to Science. CO: Libraries
G53 Unlimited, 2000.
2000
- Cur Lib Gen
LB1585 Harlan, Jean Durgin. Science Experiences for the Early Childhood Years:
H29 an Integrative Affective Approach. NJ: Merrill/Prentice, 2004.
2004
- Cur Lib Gen
LB1585 Harlen, Wynne. Primary Science: Taking the Plunge. NH: Heinemann,
P75 2001.
2001
- Cur Lib Gen
QE40 Kanis, Ira B. A Guide to Effective Elementary School Science Teaching:
K36 Earth Science Activities. MA: Allyn and Bacon, 1996.
- Cur Lib Gen
LB1532 Lind, Karen. Exploring Science in Early Childhood: a Developmental
L47 Approach. N.Y.: Thomson Delmar Learning, 2005.
2005

- Cur Lib Gen
LB1585.3
R395
1997
Marek, Edmund A. The Learning Cycle: Elementary School Science and Beyond. NH: Heinemann, 1997.
- Cur Lib Gen
Q164
M22
MacDonald, Sharon. Everyday Discoveries: Amazingly Easy Science and Math Using Stuff You Already Have. MD: Gryphon House, 1998.
- Cur Lib Gen
LB1585
P37
1998
Parratore, Phil Wacky Science : a Cookbook for Elementary Teachers
Iowa : Kendall/Hunt Pub. Company, 1998.
- Cur Lib Gen
LB1532
G4
2006
Peters, Joseph M. Science in Elementary Education: Methods, Concepts, and Inquiries. NJ: Pearson Merrill Prentice Hall, 2006.
- Cur Lib Gen
QH53
R78
1998
Russell, Helen Ross. Ten-Minute Field Trips: a Teacher's Guide to Using the School Grounds for Environmental Studies. VA: National Science Teachers Association, 1998.
- Cur Lib Gen
LB1585.3
S3
Science Curriculum Resource Handbook: a Practical Guide for K-12 Science Curriculum. NY: Kraus International, 1992.
- Cur Lib Gen
LB1585.3
S43
Seabury, Debra L. Ready-to-Use Science Activities for the Elementary Classroom. NY: Center for Applied Research in Education, 1987.
- Cur Lib Gen
Z675
S3 E97
Sosa, Maria. Exploring Science in the Library: Resources and Activities for Young People. IL: American Library Association, 2000.
- Cur Lib Gen
Q181
S694
Stavy, Ruth. How Students (Mis)Understand Science and Mathematics: Intuitive Rules. NY: Teachers College Press, 2000.
- Cur Lib Gen
LB1532
S76
Stull, Elizabeth Crosby. Science & Math Enrichment Activities for the Primary Grades. NY: Center for Applied Research in Education, 1987.
- Cur Lib Gen
QC39.5
T39
Taylor, Beverley A. P. Teaching Physics with Toys: Activities for Grades K-9. NY: TAB Books, 1995.

- Cur Lib Gen
 QD40 Teaching Chemistry with Toys: Activities for Grades K-9. NY: TAB
 T42 Books, 1995.
- Cur Lib Gen
 LB1585.3 Thier, Marlene. The New Science Literacy: Using Language Skills To
 T487 Help Students Learn Science. NH : Heinemann, 2002.
 2002
- Cur Lib Gen
 LB1585.3 Tolman, Marvin. Discovering Elementary Science: Method, Content and
 T65 Problem-Solving Activities. MA: Allyn & Bacon, 2002.
 2002
- Cur Lib Gen
 Q181 Tolman, Marvin. Hands-on Science Activities for Grades K-2. NY:
 T595 Parker, 1999.
- Cur Lib Gen
 Q181 Tolman, Marvin. Hands-on Science Activities for Grades 5-6. NY:
 T597 Parker Pub. Co., 1999.
- ERC Gen
 QC 30 Tolman, Marvin. Hands-on Physical Science Activities for Grades K-6.
 T57 CA : Jossey-Bass, 2006.
 2006
- Cur Lib Gen
 LB1585 Victor, Edward. Science K-8: An Integrated Approach. NJ:
 V46 Pearson/Merrill Prentice Hall, 2008.
- Cur Lib Gen
 LB1585 Walker, Pam. Crime Scene Investigations: Real-Life Science Activities
 W243 for the Elementary Grades. NY: Center for Applied Research in
 Education, 1999.
- Cur Lib Gen
 LB1585.3 Wolfinger, Donna M. Science in the Elementary and Middle School.
 W65 NY: Longman, 2000.

INSTRUCTIONAL AIDS

Note: Call numbers for instructional aids (kits) are under revision. If you have difficulty locating a kit, please ask for assistance.

Cur Lib

J 1 Discover the Wonder Grades 1-6. IL: ScottForesman, 1996.
112 – 117

Cur Lib

J 4 Gears at Work. NH: Delta Education, 1999.
101

Cur Lib

J 1 Kovacs, Deborah. Dive to the Deep Ocean: Voyages of Exploration and
124 Discovery. TX: Steck-Vaughn, 2000.

Cur Lib

J 52 Rock Origins. NH: Delta Education, 1999.
103

Cur Lib

J 1 Samuels, Amy. Follow that Fin: Studying Dolphin Behavior. TX:
123 Steck-Vaughn, 2000.

Cur Lib

J 1 Science Interactions. Course 1, 2, and 3. NY: Glencoe/ McGraw-Hill,
118 –120 1995.

Cur Lib

J 1 Science Literacy Center. NY: Scholastic, 1999.
122

PALMS COLLECTION

Cur Lib PALMS

Q181 Barber, Jacqueline. GEMS Teacher’s Handbook. CA: University of
G43 California, 1993.
Teacher’s Handbook

Cur Lib PALMS

Q181 Barber, Jacqueline. To Build a House: GEMS and the “Thematic
G43 Approach” to Teaching Science... CA: University of California, 1996.
Thematic Approach

Cur Lib PALMS

Q164 Bosak, Susan V. Science is----. Ontario: Scholastic Canada, 1991.
B6
1991

Cur Lib PALMS

Q161.2 Change Over Time. WA: Videodiscovery, 1994.
L535 t.g.

Cur Lib PALMS

Q161.2 Connections. WA: Videodiscovery, 1994.
L534 t.g.

Cur Lib PALMS

Q161.2 Cooper, Sally Ann. General Science. MN: American Guidance Service,
E95gs 1997.

Cur Lib PALMS

Q295 Crossett, Rebecca F. Hot Rods: a Problem-Based Unit. IA: Kendall/Hunt,
H67 1997.

Cur Lib PALMS

Q161.2 Diaco, Paula Tedford. The Mysteries of Plant Life. MN: American
E95mop Guidance Service, 1997.

Cur Lib PALMS

Q161.2 Earth is Home. WA: Videodiscovery, 1992.
L531 t.r.b.

Cur Lib PALMS

Q181 An Elementary Insights: Hands-On Inquiry Science Curriculum. IA:
I56 Kendall/Hunt Publishing, 1997. (Grades K-6)

Cur Lib PALMS

Q161.2 Marshall, Robert H. Matter, Motion and Machines. MN: American
E95mma Guidance Service, 1997.

Cur Lib PALMS

QR181.8 Morrison, Kathy. No Quick Fix: a Problem-Based Unit. IA: Kendall/
N6 Hunt, 1997.

Cur Lib PALMS

Q161.2 Great Explorations: Teacher's Resource Book. WA: Videodiscovery,
L53 t.r.b. 1992.

Cur Lib PALMS

Q161.2 Shipley, Rick. The Mysteries of Animal Life. MN: American
E95moa Guidance Service, 1997.

Cur Lib PALMS

Q181 VanTassel-Baska Joyce. Guide to Teaching a Problem-Based Science
G82 Curriculum. IA: Kendall/Hunt, 1997.

Cur Lib PALMS

QH541.14 Weaver, Barbara. The Chesapeake Bay: A Problem Based Unit. IA:
C53 Kendall/Hunt, 1997.

TEXTBOOKS

Cur Lib

J 1 BSCS Science T.R.A.C.S.: An Elementary School Science Program.
KH IA: Kendall/Hunt Publishing, 1999. (Grades 1-5)
5
1999

Cur Lib

J 1 Discovery Works. MA: Houghton Mifflin, 2000.
HMC (Grades 3 & 6)
3
2000

Cur Lib

J 1 Harcourt Science. Orlando: Harcourt School Publishers, 2000.
HBW (Grades 1, 3, 4, & 6)
1
2000

Cur Lib

J 1 McGraw-Hill Science. NY: McGraw-Hill School Division, 2000.
MGH (Grades K-6)
2
2000 t.m.e.

Cur Lib

J 1 Scott Foresman Science. IL: Scott Foresman-Addison Wesley
SFC Educational Pub., 2000. (Grades 1, 3, & 6)
1
2000 t.e.

Cur Lib
J 1
SRA
K
2000

SRA Real Science. OH: SRA/McGraw-Hill, 2000.
(Grades K-6)

CHILDREN'S BOOKS

NON-FICTION

C
500.507
G228

Gardner, Robert. Projects in Space Science. NY: J. Messner, 1988.
(Grade 4-8)

Y
551.6
L991

Lyons, Walter A. The Handy Weather Answer Book. MI : Visible Ink
Press, 1997

