

Educational Resource Center

SCIENCE & TECHNOLOGY EDUCATION RESOURCES

SEPTEMBER 2005



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Bridgewater, MA 02325
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Bridgewater State College

Collection Name	Location Designation*		
	Old		New
Children's Non-fiction	C	or	Child Non-fic
Children's Fiction	C	or	Child Fic
Picture Books	P	or	Pic
Young Adult Non-fiction	Y	or	Young Ad. Non-fic
Young Adult Fiction	Y	or	Young Ad. Fic
Any other ERC collection	Cur Lib ... (e.g., Cur Lib Gen)	or	ERC ... (e.g., ERC Gen)

* In order to avoid any potential confusion, we are now using more specific designations for our locations. Beginning in 2006, items received will use the new designations.

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

The science and technology resources contained in this guide support the national and state endeavor in promoting the integrated teaching and learning of mathematics, science, and technology. These standards-based curriculum resources have been provided to the Educational Resources Center through funding from the Commonwealth of Massachusetts PALMS (Partnerships Advancing the Learning of Mathematics and Science) Project. The PALMS Project was a program initiated by the Massachusetts Department of Education in conjunction with the National Science Foundation in the 1990's. Its goal was to improve the way mathematics and science are taught and learned in pre-kindergarten through grade 12 classrooms throughout the state. In continuing this goal, the focus remains to strengthen mathematics and science literacy for all students in Massachusetts.

Archaeology

- | | |
|--|---|
| Cur Lib PALMS
CC 83 .W45 | Cawley, Francis T. <u>What a Find!: A Problem-Based Unit</u> .
Dubuque, IA: Kendall/Hunt, 1997. (elementary level) |
| Cur Lib PALMS
Q 181 .A1 S364
v. 6 no.2 | Museum Institute for Teaching Science. <u>Science is Elementary: A Science Teaching Resource Publication: Archaeology</u> . Boston, MA: MITS, 1994.
(elementary/middle school) |

Chemistry

- | | |
|---------------------------------------|--|
| Cur Lib PALMS
Q 181 G 43id
t.g. | Agler, Leigh. <u>Involving Dissolving: Teacher's Guide</u>
(Grades 1-3). Great Explorations in Math and Science/
Lawrence Hall of Science, 1996. |
|---------------------------------------|--|

- Cur Lib PALMS
TD 193 C 472
(text and t.g.) American Chemical Society. ChemCom: Chemistry in the Community, third edition (high school). Kendall/Hunt Publishing Company, 1998.
- Cur Lib PALMS
Q 181 G 43oca
t.g. Barber, Jacqueline. Cabbages and Chemistry: Teacher's Guide (Grades 4-8). Great Explorations in Math and Science/Lawrence Hall of Science, 1996.
- Cur Lib PALMS
Q 181 G 43cr
t.g. Barber, Jacqueline. Chemical Reactions: Teacher's Guide (grades 6-10). Great Explorations in Math and Science/Lawrence Hall of Science, 1995.
- Cur Lib PALMS
QD 33 .A25 College of William and Mary, Center for Gifted Education. Acid, Acid Everywhere: A Problem-Based Unit. Dubuque, IA: Kendall/Hunt Publishing, 1997. (grades 4-6)
- Cur Lib PALMS
Q 181 I 56
Gr. 4-5 v. 3 Education Development Center. An Elementary Insights: Hands-on Inquiry Science Curriculum: The Mysterious Powder. Kendall/Hunt Publishing Company, 1997.
- Cur Lib PALMS
QD 40 F78 Fruen, Lois. The REAL World of Chemistry: A Student Activity Guide and Teacher Resource Book (junior high/senior high level). Kendall/Hunt Publishing Company, 1996.
- Cur Lib PALMS
QD 33 C 45che
t.r.g. Lawrence Hall of Science. Chemicals, Health, Environment and Me (grades 5-6). University of California, 1995.
- Cur Lib PALMS
QD 33 C 45cif Lawrence Hall of Science. Chemicals in Foods: Additives (middle/junior high school). Addison-Wesley Publishing Company, 1993. (set includes student lab books in English and Spanish; teacher manual)
- Cur Lib PALMS
QD 33 C 45csa Lawrence Hall of Science. Chemical Survey & Solutions and Pollution (middle/junior high school). Lab-Aids, 1996. (set includes student lab books in English and Spanish; teacher manual)
- Cur Lib PALMS
QD 33 C 45dtl Lawrence Hall of Science. Determining Threshold Limits (middle/junior high school). Addison-Wesley Publishing Company, 1990. (set includes student lab book and teacher manual)
- Cur Lib PALMS
QD 33 C 45hc Lawrence Hall of Science. Household Chemicals (middle/junior high school). Addison-Wesley Publishing Company, 1995. (set includes student lab book and teacher manual)

- Cur Lib PALMS
QD 33 C 45ig
Lawrence Hall of Science. Investigating Groundwater: The Fruitvale Story (middle/junior high school). Addison-Wesley Publishing, 1991. (set includes student lab books in English and Spanish; teacher manual)
- Cur Lib PALMS
QD 33 C 45ihm
Lawrence Hall of Science. Investigating Hazardous Materials (middle/junior high school). Addison-Wesley Publishing, 1994. (set includes student lab book and teacher manual)
- Cur Lib PALMS
QD 33 C 45pio
Lawrence Hall of Science. Plastics in Our Lives (middle/junior high school). Addison-Wesley Publishing, 1994. (set includes student lab books in English and Spanish; teacher manual)
- Cur Lib PALMS
QD 33 C 45tw
Lawrence Hall of Science. Toxic Waste: A Teaching Simulation (middle/junior high school). Addison-Wesley Publishing, 1991. (set includes student lab books in English and Spanish; teacher manual)
- Cur Lib PALMS
QD 33 C 45ueh
Lawrence Hall of Science. Understanding Environmental Health Risks (middle/junior high school). Lab-Aids, 1996. (student activity book; teacher manual)
- Cur Lib PALMS
QD 33 C 45wh
Lawrence Hall of Science. The Waste Hierarchy: Where Is "Away"? (middle/junior high school). Addison-Wesley Publishing, 1993. (student lab books in English and Spanish; teacher manual)
- Cur Lib PALMS
Q 181 D75
Gr. 6-8 ci
Mabel, Judith. Chemical Interactions: DSM II, Teacher's Guide. Hudson, NH: Delta Education, 1996. (middle school)
- Cur Lib PALMS
Q 181 S 343
v. 3 t.g.
National Science Resources Center. Chemical Tests: Teacher's Guide (Grade 3). Carolina Biological Supply Company, 1994.
- Cur Lib PALMS
Q 181 S 345
v. 3 t.g.
National Science Resources Center. Food Chemistry: Teacher's Guide (Grade 5). Carolina Biological Supply Company, 1994.
- Cur Lib PALMS
QD 117 M5
S98 v.1 & v.2
Szafran, Zvi, Ronald M. Pike and Mono M. Singh. Microscale Chemistry for High School. Dubuque, IA: Kendall/Hunt, 1998. (secondary level)
- Cur Lib PALMS
QD 117 M5
S96
Szafran, Zvi, Ronald M. Pike and Mono M. Singh. Microscale Chemistry Laboratory. Dubuque, IA: Kendall/Hunt, 1996. (high school level)

Cur Lib PALMS
QH 545 F5
W74
Wright, Russell G. Fire! An Event-Based Science Module. Chemistry and Fire Ecology Module. Parsippany, NJ: Dale Seymour Publications, 1997-2001. (middle school) (teacher's guide, video)

Earth Science

Cur Lib PALMS
Q 181 S 342
v. 2 t.g.
Akgulian, Laura and others. Soils: Teacher's Guide (Grade 2). Carolina Biological Supply Company, 1996.

Cur Lib PALMS
Q 181 G 43sis
t.g.
Cuff, Kevin and others. Stories in Stone: Teacher's Guide (grades 4-9). Great Explorations in Math and Science/Lawrence Hall of Science, 1995.

Cur Lib PALMS
Q 181 D 75
Gr. 5-6 ero
Delta Education. Erosion: Teacher's Guide. Delta Education, 1994.

Cur Lib PALMS
Q 181 D 75
Gr. K-3 ss
Delta Education. Soil Science: Teacher's Guide. Delta Education, 1996.

Cur Lib PALMS
Q 181 D 75
Gr. 5-6 se
Delta Education. Solar Energy: Teacher's Guide. Delta Education, 1994.

Cur Lib PALMS
Q 181 D 75
Gr. K-3 sas
Delta Education. Sunshine and Shadows: Teacher's Guide. Delta Education, 1996.

Cur Lib PALMS
Q 181 D 75
Gr. 3-5 wc
Delta Education. Water Cycle: Teacher's Guide. Delta Education, 1995.

Cur Lib PALMS
Q 181 D 75
Gr. 5-6 wf
Delta Education. Weather Forecasting: Teacher's Guide. Delta Education, 1995.

Cur Lib PALMS
Q 181 D 75
Gr. 3-5 wi
Delta Education. Weather Instruments: Teacher's Guide. Delta Education, 1995.

Cur Lib PALMS
Q 181 D 75
Gr. K-3 ww
Delta Education. Weather Watching: Teacher's Guide. Delta Education, 1996.

Cur Lib PALMS
Q 181 I 56
Gr. 4-5 v. 5
Education Development Center. An Elementary Insights: Hands-on Inquiry Science Curriculum: Reading the Environment. Kendall/Hunt Publishing Company, 1997.

- Cur Lib PALMS
Q 181 D 75
Gr. 6-8 ep
Goldner, Katy. Earth Processes: Teacher's Guide.
Delta Education, 1996.
- Cur Lib PALMS
Q 181 G 43hwa
t.g.
Gould, Alan. Hot Water and Warm Homes From Sunlight: Teacher's Guide (Grades 4-8). Great Explorations in Math and Science/Lawrence Hall of Science, 1995.
- Cur Lib PALMS
QH 541 .5
C65 H35
Hankin, Alan L. and Massachusetts Schooner Ernestina Commission. An Expedition to a Water Planet: Leaving a Wake: A Curriculum Guide for Schooner Ernestina's Underway Program in the Coastal Waters on the Commonwealth of Massachusetts. New Bedford, MA: Massachusetts Schooner Ernestina Commission, 1996. (secondary level)
- Cur Lib PALMS
Q 181 G 43ar
t.g.
Hocking, Colin and others. Acid Rain: Teacher's Guide (grades 6-10). Great Explorations in Math and Science/Lawrence Hall of Science, 1994.
- Cur Lib PALMS
Q 181 G 43gwa
t.g.
Hocking, Colin and others. Global Warming & the Greenhouse Effect (grades 7-10). Great Explorations in Math and Science, 1997.
- Cur Lib PALMS
QE 28 J37be
JASON Foundation for Education. JASON Curriculum: The Belize Expedition Curriculum. JASON Foundation for Education, 1993. (grades 4-10)
- Cur Lib PALMS
QE 28 J37ha
JASON Project. JASON VI: Island Earth, Hawai'i Expedition Curriculum. Waltham, MA: JASON Foundation for Education, 1994. (grades 4-8)
- Cur Lib PALMS
QE 27 J37fl
JASON Project. JASON Project VII: Adapting to a Changing Sea. Waltham, MA: JASON Foundation for Education, 1995. (middle grades/junior high level)
- Cur Lib PALMS
Q 181 F 68aaw
Lawrence Hall of Science. Air and Weather (grades 1-2). Encyclopedia Britannica Educational Corporation, 1995. (teacher's text; teacher preparation video)
- Cur Lib PALMS
Q 181 F 68em
Lawrence Hall of Science. Earth Materials (grades 3-4). Encyclopedia Britannica Educational Corporation, 1993. (teacher's text; teacher preparation video)
- Cur Lib PALMS
Q 181 I 83
Lawrence Hall of Science. Issues, Evidence & You (junior/senior high school). Lab-Aids, 1996. (student book and teacher guide)
- Cur Lib PALMS
Q 181 F 68lan
Lawrence Hall of Science. Landforms (grades 5-6). Encyclopedia Britannica Educational Corporation, 1993. (teacher's text; teacher preparation video)

- Cur Lib PALMS
Q 181 F 68psa
Lawrence Hall of Science. Pebbles, Sand, and Silt (grades 1-2).
Encyclopedia Britannica Educational Corporation, 1995.
(teacher's text; teacher preparation video)
- Cur Lib PALMS
Q 181 F 68se
Lawrence Hall of Science. Solar Energy (grades 5-6).
Encyclopedia Britannica Educational Corporation, 1993.
- Cur Lib PALMS
Q 181 F 68wat
Lawrence Hall of Science. Water (grades 3-4). Encyclopedia
Britannica Educational Corporation, 1993. (teacher's text;
teacher preparation video)
- Cur Lib PALMS
QE 40 M 37
Marshall, Robert H. and Allen Roskopf. Earth Science
(grades 4-8). American Guidance Service, 1997. (student
text, teacher edition, and lab manual)
- Cur Lib PALMS
Q 181 .A1 S364
v. 5 no.1
Museum Institute for Teaching Science. Science is Elementary:
A Science Teaching Resource Publication: Geology.
Boston, MA: MITS, 1992. (elementary/middle school)
- Cur Lib PALMS
Q 181 .A1 S364
v. 5 no.3
Museum Institute for Teaching Science. Science is Elementary:
A Science Teaching Resource Publication: Tropical
Rainforests. Boston, MA: MITS, 1993.
(elementary/middle school)
- Cur Lib PALMS
Q 181 S 344
v. 2 t.g.
O'Donnell, Carol and others. Land and Water: Teacher's Guide
(Grade 4). Carolina Biological Supply Company, 1997.
- Cur Lib PALMS
Q 181 S 345
v. 2 t.g.
Science and Technology for Children/National Science Resources
Center. Ecosystems: Teacher's Guide (Grade 5). Carolina
Biological Supply Company, 1996.
- Cur Lib PALMS
Q 181 S 341
v. 2 t.g.
Stiles, Katherine and others. Weather: Teacher's Guide
(Grade 1). Carolina Biological Supply Company, 1995.
- Cur Lib PALMS
Q 181 G 43oss
t.g.
Strang, Craig and others. On Sandy Shores: Teacher's Guide
(Grades 2-4). Great Explorations in Math and Science/
Lawrence Hall of Science, 1996.
- Cur Lib PALMS
GB 561 W3
University of Massachusetts at Amherst and Massachusetts Bays
Program. Watershed to Bay: A Raindrop Journey,
A Critical and Creative Thinking Approach to
Understanding Coastal Watershed Systems.
Amherst, MA: University of Massachusetts, 1995-1996?.
(elementary & middle grades)

- Cur Lib PALMS
QE 534 .2 .W74
t.g. Wright, Russell G. Earthquake!: An Event-Based Science Module. Menlo Park, CA: Innovative Learning Publications/Addison-Wesley Publishers, 1996. (accompanied by video: "CNN's The Big Story: The Quake of '89") (middle school level)
- Cur Lib PALMS
TC 530 .W74
t.g. Wright, Russell G. Flood!: An Event-Based Science Module. Stream Dynamics Module. Menlo Park, CA: Innovative Learning Publications/Addison-Wesley Publishers, 1996. (accompanied by video: "The Awesome Power") (middle school level)
- Cur Lib PALMS
QE 391 G 6
W 74 t.g. Wright, Russell G. Gold Rush!: Teacher's Guide (middle grades). Dale Seymour Publications, 1997. (video also available)
- Cur Lib PALMS
QC 955 .W74
t.g. Wright, Russell G. Tornado!: An Event-Based Science Module. Meteorology Module. Menlo Park, CA: Innovative Learning Publications/Addison-Wesley Publishers, 1997. (accompanied by video: "CNN's 'Alabama Tornado' and 'Belated Early Warning'") (middle school level)
- Cur Lib PALMS
QE 521 .W74
t.g. Wright, Russell G. Volcano!: An Event-Based Science Module. Geology Module. Menlo Park, CA: Innovative Learning Publications/Addison-Wesley Publishers, 1997. (accompanied by video: "CNN's The Mt. Pinatubo Eruption") (middle school level)

Ecology

- Cur Lib PALMS
Q181 I432ah Illinois State University (Center for Mathematics, Science, and Technology Education). Animal Habitats, 2nd edition. Normal, IL: Center for Mathematics, Science, and Technology Education, Illinois State University, 1997-98. (middle school/junior high school) (student text and teacher resource book, draft editions)
- Cur Lib PALMS
Q 181 F68env
2000 Lawrence Hall of Science. Environments. Nashua, NH: Delta Education, 2000. (elementary level) (teacher guide, video, science stories)

Environmental Challenges

- Cur Lib PALMS
QC 881 .2 O9
A5 Anderson, Norman D. Ozone: A Sourcebook for Teaching About O₃ in the Troposphere and Stratosphere. SCI-LINK/GLOBE-NET and Kendall/Hunt Publishing Company, 1996. (grades 4-12)

- Cur Lib PALMS
RC 155 .5 A53 Anderson, Norman D. and Harriett S. Stubbs. Lyme Disease: A Sourcebook for Teaching About a Major Environmental Problem. SCI-LINK/GLOBE-NET and Kendall/Hunt Publishing Co., 1996. (grades 4-12)
- Cur Lib PALMS
QH 75 B552 Blair, Robert B. and Heidi L. Ballard. Conservation Biology: A Hands-on Introduction to Biodiversity (secondary level). Kendall/Hunt Publishing, 1996. (student text & teacher edition)
- Cur Lib PALMS
GE 70 D57 Disinger, John F. and Martha C. Monroe. Defining Environmental Education. Kendall/Hunt Publishing Company, 1994. (K-12)
- Cur Lib PALMS
GE 70 F72 Frank, Jeffrey and others. Urban Environmental Education. Kendall/Hunt Publishing, 1994. (K-12)
- Cur Lib PALMS
GE 70 .H42 v.1 Hessler, Edward W. Acid Rain, Grades 6-12: A Sourcebook for Teaching About a Major Environmental Problem, Volume 1: Life Science, Biology & Earth Science. Dubuque, IA: Kendall/Hunt, 1998.
- Cur Lib PALMS
GE 70 .H42 v.2 Hessler, Edward W. Acid Rain, Grades 6-12: A Sourcebook for Teaching About a Major Environmental Problem, Volume II: Physical Science, Chemistry & Social Science. Dubuque, IA: Kendall/Hunt, 1998.
- Cur Lib PALMS
Q 181 I43wm Illinois State University/Center for Mathematics, Science and Technology Education. Waste Management. New York, NY: Glencoe/McGraw-Hill, 1999. (includes student text, student journal, and teacher resource book)
- Cur Lib PALMS
GE 70 M64 Monroe, Martha C. and David Cappaert. Integrating Environmental Education Into the School Curriculum. Kendall/Hunt Publishing, 1994. (K-12)
- Cur Lib PALMS
GE 70 P45 Pennock, Margaret T. and others. Approaching Environmental Issues in the Classroom. Kendall/Hunt Publishing, 1994. (K-12)
- Cur Lib PALMS
GE 70 R62 Rohwedder, W. J. and others. Using Computers in Environmental Education: Interactive Multimedia and On-Line Learning. Kendall/Hunt Publishing, 1994. (K-12)
- Cur Lib PALMS
GE 70 H43 Stubbs, Harriett S. and others. Acid Rain, Grades 4-8: A Sourcebook for Teaching About a Major Environmental Problem. Dubuque, IA: Kendall/Hunt Publishing, 1998.
- Cur Lib PALMS
QH 541 .14 C53 VanTassel-Baska, Joyce and others. The Chesapeake Bay: A Problem-Based Unit. Kendall/Hunt Publishing, 1997. (middle school level)
- Cur Lib PALMS
Q 295 D87 VanTassel-Baska, Joyce and others. Dust Bowl: A Problem-Based Unit. Kendall/Hunt Publishing, 1997. (K-4)

- Cur Lib PALMS
Q 295 H67
VanTassel-Baska, Joyce and others. Hot Rods: A Problem-Based Unit. Kendall/Hunt Publishing, 1997.
(middle school level)
- Cur Lib PALMS
QH 45 .O5 W74
t.g.
Wright, Russell G. Oil Spill!: An Event-Based Science Module. Oceanography Module. Menlo Park, CA: Innovative Learning Publications/Addison-Wesley Publishers, 1995.
(accompanied by 2 videos: "CNN's The Big Story, The Black Tide" and "Give Me the Tides, Give Me the Currents") (middle school level)
- Cur Lib PALMS
TD 1030 .W74
t.g.
Wright, Russell G. Toxic Leak!: An Event-Based Science Module. Menlo Park, CA: Innovative Learning Publications/Addison-Wesley Publishers, 1996. (accompanied by video: "WSOC-TV's Paw Creek: Neighbors in Fear", and student edition) (middle school level)

Facets of Technology

- Cur Lib PALMS
TK 5101 B 299
1997
Barden, Robert and Michael Hacker. Communication Technology. Glencoe/McGraw-Hill, 1997. (secondary level) (student text and instructor's guide)
- Cur Lib PALMS
TP 248 .22
I57 v.1
Biotechnology Education Project, St. Louis (Missouri) Mathematics and Science Education Center.
An Introduction to Biotechnology: The Nature of Change: A Unit for Fifth and Sixth Grade Students. Dubuque, IA: Kendall/Hunt Publishing, 1995-1996.
- Cur Lib PALMS
TP 248 .22
I57 v.2
Biotechnology Education Project, St. Louis (Missouri) Mathematics and Science Education Center.
An Introduction to Biotechnology: A Unit for Seventh And Eighth Grade Students. Dubuque, IA: Kendall/Hunt Publishing, 1995-1996.
- Cur Lib PALMS
TP 248 .22
I57 v.3
Biotechnology Education Project, St. Louis (Missouri) Mathematics and Science Education Center.
An Introduction to Biotechnology: A Unit for High School Students. Dubuque, IA: Kendall/Hunt Publishing, 1995-1996.
- Cur Lib PALMS
TJ 163 .9 B 646
1992
Bohn, Ralph C. and Angus J. MacDonald. Energy Technology: Power and Transportation, fourth edition. Glencoe, 1992.
(high school level) (student text and instructor's resource guide)
- Cur Lib PALMS
TK 159 B82 1999
Buban, Peter and others. Electricity and Electronics Technology. Glencoe/McGraw-Hill, 1999. (secondary level)

- Cur Lib PALMS
T 47 .F35 1999
Brusic, Sharon and others. Technology Today and Tomorrow, 4th edition. New York, NY: Glencoe/McGraw-Hill, 1999. (junior/senior high school)
- Cur Lib PALMS
T 47 F 35 1997
Fales, James F. and others. Technology Today and Tomorrow, third edition. Glencoe/McGraw-Hill, 1997. (junior/senior high school level) (student text and teacher's annotated edition)
- Cur Lib PALMS
T 47 H 253
Hacker, Michael and Robert Barden. Living with Technology. Glencoe/McGraw-Hill, 1997. (junior/senior high school) (student text and teacher resource guide)
- Cur Lib PALMS
T 47 H 33 1992
Hacker, Michael and Robert Barden. Technology in Your World, second edition. Glencoe/McGraw-Hill, 1997. (middle school/junior high level) (student text and teacher's resource guide)
- Cur Lib PALMS
TS 183 H 35
1997
Harms, Henry R. and others. Experience Technology: Manufacturing, Construction. Glencoe/McGraw-Hill, 1997. (secondary level) (student text on shelf; teacher's annotated edition missing)
- Cur Lib PALMS
T 47 H375
Harms, Henry R. and Neal R. Swernofsky. Technology Interactions. Glencoe/McGraw-Hill, 1999. (secondary level) (student text)
- Cur Lib PALMS
P 96 T 42 H 39
Haynie III, W. J. and Richard E. Peterson. The Technology of Communication: Drawing, Photographic and Optical Systems, Print, and Electronic Media. Thomson Learning Tools, 1995. (middle school/high school level) (student text and teacher guide)
- Cur Lib PALMS
T 47 H88
Hutchinson, John and John R. Karsnitz. Design and Problem Solving in Technology. Glencoe/McGraw-Hill, 1993. (high school level) (student text and instructor guide)
- Cur Lib PALMS
TH 149 H88
1996
Huth, Mark W. Construction Technology, third edition. Thomson Learning Tools, 1996. (secondary and post-secondary level) (student text and teacher's resource binder)
- Cur Lib PALMS
Q 181 I432cp
Illinois State University/Center for Mathematics, Science & Technology Education. Communication Pathways. Normal, IL: Illinois State University, 1998. (student text and teacher resource binder)
- Cur Lib PALMS
TS 155 K773
Komacek, Stanley A. and others. Manufacturing Technology. Delmar Publishers, 1990. (junior/senior high school) (student text, instructor guide, and teacher resource book)

Cur Lib PALMS TS 176 K638	Komacek, Stanley A. <u>Production Technology</u> . Glencoe/McGraw-Hill, 1997. (junior/senior high school level) (student text and teacher's resource guide)
Cur Lib PALMS T 47 P54	Pierce, Alan and Dennis Karwatka. <u>Introduction to Technology</u> . West Publishing Company, 1993. (middle school/junior high level) (student text, teacher's annotated edition, and teacher's resource binder)
Cur Lib PALMS TP 248 .2 S29	Savage, Ernest N. and others. <u>Bio-Related Technology</u> . Delmar Publishers, 1993. (high school level) (student text and instructor guide)
Cur Lib PALMS TJ 163 .2 S347 1996	Schwaller, Anthony E. and Gilberti, Anthony F. <u>Energy Technology: Sources of Power</u> . Thomson Learning Tools, 1996. (secondary and post-secondary level) (student text and instructor's guide)
Cur Lib PALMS TA 1145 S36	Schwaller, Anthony E. <u>Transportation, Energy, and Power Technology</u> . Glencoe/McGraw-Hill, 1997. (junior/senior high school level) (student text and teacher's guide)
Cur Lib PALMS T 47 S62 1997	Soman, Stuart and others. <u>Experience Technology: Communication, Transportation, Production, Biotechnology</u> . Glencoe/McGraw-Hill, 1997. (secondary level) (student text and teacher's annotated edition)
Cur Lib PALMS T 47 T55	Thode, Brad and Terry Thode. <u>Technology</u> . Glencoe/McGraw-Hill, 1994. (middle school/high school level) (student text, teacher edition, and teacher's resource guide)
Cur Lib PALMS TA 174 T58	Todd, Ronald D. and others. <u>Introduction to Design and Technology</u> . Thomson Learning Tools, 1996. (high school level) (student book and teacher resource guide)

Garden-Based Integrated Science Concepts

Cur Lib PALMS Q 181 I 56 Gr. 2-3 v. 2	Education Development Center. <u>An Elementary Insights: Hands-on Inquiry Science Curriculum: Habitats</u> . Kendall/Hunt Publishing Company, 1997.
Cur Lib PALMS Q 161 .2 L 535 t.g.	Jaffe, Roberta. <u>About Change Over Time: Teacher's Guide, Grade 5</u> . Videodiscovery, 1994.
Cur Lib PALMS Q 161 .2 L 534 t.g.	Jaffe, Roberta. <u>About Connections: Teacher's Guide, Grade 4</u> . Videodiscovery, 1994.

Cur Lib PALMS Q 161 .2 L 535 Module 2	Jaffe, Roberta. <u>Change Over Time: Adaptations: Grade 5</u> . Videodiscovery, 1994.
Cur Lib PALMS Q 161 .2 L 532	Jaffe, Roberta. <u>Change Around Us: Grade 2</u> . Videodiscovery, 1992. (student lab book and teacher resource book available)
Cur Lib PALMS Q 161 .2 L 535 Module 8	Jaffe, Roberta. <u>Change Over Time: Grade 5</u> . Videodiscovery, 1994.
Cur Lib PALMS Q 161 .2 L 535 Module 1	Jaffe, Roberta. <u>Changes: Grade 5</u> . Videodiscovery, 1994.
Cur Lib PALMS Q 161 .2 L 531	Jaffe, Roberta. <u>Earth Is Home: Grade 1</u> . Videodiscovery, 1992. (student lab book and teacher resource book available)
Cur Lib PALMS Q 161 .2 L 534 Module 7	Jaffe, Roberta. <u>Ecosystems: Grade 4</u> . Videodiscovery, 1994.
Cur Lib PALMS Q 161 .2 L 535 Module 3	Jaffe, Roberta. <u>Energy and Change: Grade 5</u> . Videodiscovery, 1994.
Cur Lib PALMS Q 161 .2 L 53 t.r.b.	Jaffe, Roberta. <u>Great Explorations: Teacher's Resource Book, Grade K</u> . Videodiscovery, 1992.
Cur Lib PALMS Q 161 .2 L 535 Module 7	Jaffe, Roberta. <u>Growing Together: Grade 5</u> . Videodiscovery, 1994.
Cur Lib PALMS Q 161 .2 L 534 Module 6	Jaffe, Roberta. <u>Food Webs: Grade 4</u> . Videodiscovery, 1994.
Cur Lib PALMS Q 161 .2 L 534 Module 2	Jaffe, Roberta. <u>Habitats: Grade 4</u> . Videodiscovery, 1994.
Cur Lib PALMS Q 161 .2 L 533	Jaffe, Roberta. <u>How Things Work: Grade 3</u> . Videodiscovery, 1992. (student lab book and teacher resource book available)
Cur Lib PALMS Q 161 .2 L 534 Module 1	Jaffe, Roberta. <u>Interactions: Grade 4</u> . Videodiscovery, 1994.

Cur Lib PALMS Q 161 .2 L 534 Module 5	Jaffe, Roberta. <u>Light Interactions: Grade 4</u> . Videodiscovery, 1994.
Cur Lib PALMS Q 161 .2 L 534 Module 4	Jaffe, Roberta. <u>Nutrient Interactions: Grade 4</u> . Videodiscovery, 1994.
Cur Lib PALMS 1994. Q 161 .2 L 535 Module 4	Jaffe, Roberta. <u>Seasonal Change: Grade 5</u> . Videodiscovery, 1994.
Cur Lib PALMS Q 161 .2 L 535 Module 6	Jaffe, Roberta. <u>Soil Changes: Grade 5</u> . Videodiscovery, 1994.
Cur Lib PALMS Q 161 .2 L 534 Module 8	Jaffe, Roberta. <u>Sustainable Systems: Grade 4</u> . Videodiscovery, 1994.
Cur Lib PALMS Q 161 .2 L 534 Module 3	Jaffe, Roberta. <u>Water Interactions: Grade 4</u> . Videodiscovery, 1994.
Cur Lib PALMS Q 161 .2 L 535 Module 5	Jaffe, Roberta. <u>Weather and Climate Changes: Grade 5</u> . Videodiscovery, 1994.
Cur Lib PALMS SB 55 G76gf	National Gardening Association. <u>Gardening Fundamentals</u> (middle/secondary level). National Gardening Association, 1994.
Cur Lib PALMS SB 450 .9 G76 April 1997 -	National Gardening Association. <u>Growing Ideas: A Journal of Garden-Based Learning</u> (all ages/grades). National Gardening Association, 1997+. (newsletter publication)
Cur Lib PALMS SB 55 G76afg	Pranis, Eve and Joy Cohen. <u>Grow Lab: Activities for Growing Minds</u> (elementary level). National Gardening Association, 1995. (teacher guide)
Cur Lib PALMS SB 55 G76cgt	Pranis, Eve and Jack Hale. <u>Grow Lab: A Complete Guide to Gardening in the Classroom</u> (elementary level). National Gardening Association, 1996. (teacher guide)

Global Science Technology-Based Issues

- Cur Lib PALMS
Q 181 F 31
Module 2.7
- American Chemical Society. Acid Rain (FACETS series: Foundations and Challenges to Encourage Technology-based Science) (middle grades). Kendall/Hunt Publishing, 1996. (student guide; teacher version)
- Cur Lib PALMS
Q 181 F 31
Module 1.7
1996.
- American Chemical Society. Changing Shorelines (FACETS series: Foundations and Challenges to Encourage Technology-based Science) (middle grades). Kendall/Hunt Publishing, (student guide; teacher version)
- Cur Lib PALMS
Q 181 F 31
Module 2.6
- American Chemical Society. Cleaning Water (FACETS series: Foundations and Challenges to Encourage Technology-based Science) (middle grades). Kendall/Hunt Publishing, 1996. (student guide; teacher version)
- Cur Lib PALMS
Q 181 F 31
Module 3.5
1996.
- American Chemical Society. Climate and Farming (FACETS series: Foundations and Challenges to Encourage Technology-based Science) (middle grades). Kendall/Hunt Publishing, (student guide; teacher version)
- Cur Lib PALMS
Q 181 F 31
Module 2.1
1996.
- American Chemical Society. Communicable Diseases (FACETS series: Foundations and Challenges to Encourage Technology-based Science) (middle grades). Kendall/Hunt Publishing, (student guide; teacher version)
- Cur Lib PALMS
Q 181 F 31
Module 1.6
- American Chemical Society. Earthquakes (FACETS series: Foundations and Challenges to Encourage Technology-based Science) (middle grades). Kendall/Hunt Publishing, 1996. (student guide; teacher version)
- Cur Lib PALMS
Q 181 F 31
Module 3.6
1996.
- American Chemical Society. Energy For the Future (FACETS series: Foundations and Challenges to Encourage Technology-based Science) (middle grades). Kendall/Hunt Publishing, (student guide; teacher version)
- Cur Lib PALMS
Q 181 F 31
Module 2.5
1996.
- American Chemical Society. Food From Our Land (FACETS series: Foundations and Challenges to Encourage Technology-based Science) (middle grades). Kendall/Hunt Publishing, (student guide; teacher version)
- Cur Lib PALMS
Q 181 F 31
Module 1.2
- American Chemical Society. Food Substitutes (FACETS series: Foundations and Challenges to Encourage Technology-based Science) (middle grades). Kendall/Hunt Publishing, 1996. (student guide; teacher version)
- Cur Lib PALMS
Q 181 F 31
Module 2.2
- American Chemical Society. Growing Older (FACETS series: Foundations and Challenges to Encourage Technology-based Science) (middle grades). Kendall/Hunt Publishing, 1996. (student guide; teacher version)

Cur Lib PALMS Q 181 F 31 Module 3.8 1996.	American Chemical Society. <u>Handling Information</u> (FACETS series: Foundations and Challenges to Encourage Technology-based Science) (middle grades). Kendall/Hunt Publishing, (student guide; teacher version)
Cur Lib PALMS Q 181 F 31 Module 1.5 1996.	American Chemical Society. <u>Investigating Buildings</u> (FACETS series: Foundations and Challenges to Encourage Technology-based Science) (middle grades). Kendall/Hunt Publishing, (student guide; teacher version)
Cur Lib PALMS Q 181 F 31 Module 3.4 1996.	American Chemical Society. <u>Investigating Populations</u> (FACETS series: Foundations and Challenges to Encourage Technology-based Science) (middle grades). Kendall/Hunt Publishing, (student guide; teacher version)
Cur Lib PALMS Q 181 F 31 Module 1.1	American Chemical Society. <u>Keeping Fit</u> (FACETS series: Foundations and Challenges to Encourage Technology-based Science) (middle grades). Kendall/Hunt Publishing, 1996. (student guide; teacher version)
Cur Lib PALMS Q 181 F 31 Module 3.3 1996.	American Chemical Society. <u>Managing Crop Pests</u> (FACETS series: Foundations and Challenges to Encourage Technology-based Science) (middle grades). Kendall/Hunt Publishing, (student guide; teacher version)
Cur Lib PALMS Q 181 F 31 Module 3.2	American Chemical Society. <u>Oil Spills</u> (FACETS series: Foundations and Challenges to Encourage Technology-based Science) (middle grades). Kendall/Hunt Publishing, 1996. (student guide; teacher version)
Cur Lib PALMS Q 181 F 31 Module 1.3	American Chemical Society. <u>Packaging</u> (FACETS series: Foundations and Challenges to Encourage Technology-based Science) (middle grades). Kendall/Hunt Publishing, 1996. (student guide; teacher version)
Cur Lib PALMS Q 181 F 31 Module 1.8 1996.	American Chemical Society. <u>Shrinking Farmlands</u> (FACETS series: Foundations and Challenges to Encourage Technology-based Science) (middle grades). Kendall/Hunt Publishing, (student guide; teacher version)
Cur Lib PALMS Q 181 F 31 Module 2.3 1996.	American Chemical Society. <u>Structures and Behavior</u> (FACETS series: Foundations and Challenges to Encourage Technology-based Science) (middle grades). Kendall/Hunt Publishing, (student guide; teacher version)
Cur Lib PALMS Q 181 F 31 Module 2.8	American Chemical Society. <u>A Sunken Ship</u> (FACETS series: Foundations and Challenges to Encourage Technology-based Science) (middle grades). Kendall/Hunt Publishing, 1996. (student guide; teacher version)

Cur Lib PALMS Q 181 F 31 Module 3.1	American Chemical Society. <u>Threads</u> (FACETS series: Foundations and Challenges to Encourage Technology-based Science) (middle grades). Kendall/Hunt Publishing, 1996. (student guide; teacher version)
Cur Lib PALMS Q 181 F 31 Module 3.7 1996.	American Chemical Society. <u>Transportation Systems</u> (FACETS series: Foundations and Challenges to Encourage Technology-based Science) (middle grades). Kendall/Hunt Publishing, (student guide; teacher version)
Cur Lib PALMS Q 181 F 31 Module 1.4 1996.	American Chemical Society. <u>Weather and Health</u> (FACETS series: Foundations and Challenges to Encourage Technology-based Science) (middle grades). Kendall/Hunt Publishing, (student guide; teacher version)
Cur Lib PALMS Q 181 F 31 Module 2.4 1996.	American Chemical Society. <u>What's In Our Food?</u> (FACETS series: Foundations and Challenges to Encourage Technology-based Science) (middle grades). Kendall/Hunt Publishing, (student guide; teacher version)
Cur Lib PALMS Q 181 I 43et	Center for Mathematics, Science, and Technology Education. <u>Energy Transformations: Fourth Module in Bio-Related Technologies Unit</u> (junior high level). Center for Mathematics, Science, and Technology Education, Illinois State University, 1996.
Cur Lib PALMS Q 181 I 56 Gr. 6 v. 2	Education Development Center. <u>An Elementary Insights: Hands-on Inquiry Science Curriculum: There Is No Away</u> . Kendall/Hunt Publishing Company, 1997.
Cur Lib PALMS Q 181 I43fp	Illinois State University/Center for Mathematics, Science & Technology Education. <u>Food Production</u> . New York, NY: Glencoe/McGraw-Hill, 1998. (middle school)
Cur Lib PALMS Q 181 I432hs	Illinois State University/Center for Mathematics, Science & Technology Education. <u>Human Settlements</u> , 2 nd edition. Normal, IL: Illinois State University, 1997(?). (grade 8) (includes text and teacher resource book)
Cur Lib PALMS Q181 I43ma 1997	Illinois State University/Center for Mathematics, Science, and Technology Education. <u>Manufacturing</u> . Normal, IL: Center for Mathematics, Science, and Technology Education, Illinois State University, 1997. (middle school) (student text and teacher resource book, draft editions)
Cur Lib PALMS Q 181 P 73 Lev. 2	Prime Science Education Group. <u>Prime Science: Raising the Standards, Level 2</u> (high school). Kendall Hunt Publishers, 1998.

Interdisciplinary Science Concepts

- Cur Lib PALMS
Q 181 G 43
GEMS guide
Barber, Jacqueline and others. Once Upon a GEMS Guide: Connecting Young People's Literature to Great Explorations in Math and Science (grades PreK-10). Great Explorations in Math and Science/Lawrence Hall of Science, 1996.
- Cur Lib PALMS
Q 181 G 43
Thematic approach
Barber, Jacqueline and others. To Build A House: GEMS and the "Thematic Approach" to Teaching Science. Great Explorations in Math and Science, 1996.
- Cur Lib PALMS
Q 181 G 43ia
t.g.
Barrett, Katharine and others. Investigating Artifacts: Making Masks, Creating Myths, Exploring Middens: Teacher's Guide (Grades K-6). Great Explorations in Math and Science/Lawrence Hall of Science, 1996.
- Cur Lib PALMS
Q 172 .5
S95 B47
Bergethon, Peter R. Learning the Language of Patterns: A Teacher's Guided Tour. Holliston, MA: Symmetry Learning Systems, 1999. (grades 4-9)
- Cur Lib PALMS
Q 161 .2 I 52
Biological Science Curriculum Study. Investigating Diversity and Limits (Middle School). Kendall/Hunt Publishing Co., 1994. (series includes text, t.e., and computer disk [Apple version]) (computer disk available at the Circulation Desk)
- Cur Lib PALMS
Q 161 .2 I 51
Biological Science Curriculum Study. Investigating Patterns of Change (Middle School). Kendall/Hunt Publishing Co., 1994. (series includes text, t.e., t.g.r.b., and video)
- Cur Lib PALMS
Q 161 .2 I 53
Biological Science Curriculum Study. Investigating Systems and Change (Middle School). Kendall/Hunt Publishing Co., 1994. (series includes text, t.e., and t.g.r.b.)
- Cur Lib PALMS
Q 164 B6 1991
Bosak, Susan V. Science Is...: A Sourcebook of Fascinating Facts, Projects and Activities, 2nd ed. Richmond Hill, Ontario, Canada: Scholastic Canada, 1991. (grades 3-9)
- Cur Lib PALMS
Q 181 D 38
Buchholz, Don. DASH: Focus Books and Story Book Sets, Grades K-2. Developmental Approaches in Science and Health Project, Curriculum Research and Development Group, University of Hawaii, 1990-1991. (science & health focus books for grades K-2; multi-volume set)
- Cur Lib PALMS
TD 195 E 49
C 48
Christensen, John W. Global Science: Energy, Resources, Environment, fourth edition (middle/high school). Kendall/Hunt Publishing, 1996. (includes text, l.m., and t.g.)
- Cur Lib PALMS
Q 181 D75
Gr. 6-8 fas
Farinelli, Jill. Famous Scientists: DSM II, Teacher's Guide. Nashua, NH: Delta Education, 1999. (elementary and middle school level)

- Cur Lib PALMS
Q 181 I43fp Illinois State University/Center for Mathematics, Science, & Technology Education. Food Production. New York, NY: Glencoe/McGraw-Hill, 1998. (includes student text, student journal, and teacher resource book)
- Cur Lib PALMS
Q 181 I432sy Illinois State University/Center for Mathematics, Science, & Technology Education. Systems, 2nd edition. Normal, IL: Illinois State University, 1997(?). (grade 8) (includes text and teacher resource book)
- Cur Lib PALMS
Q 181 I43we Illinois State University/Center for Mathematics, Science, & Technology Education. Wellness. New York, NY: Glencoe/McGraw-Hill, 1998. (includes student text, student journal, and teacher resource book)
- Cur Lib PALMS
SH 383 .2
W37 Island Foundation, Inc. Working on the Water: Schooner Ernestina, Old Dartmouth Historical Society, New Bedford Whaling Museum. Malden, MA: Massachusetts Department of Education, 1996(?). (grades 4-8)
- Cur Lib PALMS
Q 181 G 43gmn Lawrence Hall of Science. GEMS Network News. GEMS Program of the Lawrence Hall of Science. (periodical - Fall/Winter 1997, 1998 issues)
- Cur Lib PALMS
Q 181 D 75
Gr. 6-8 isc Mathewson, R. Duncan III. If Shipwrecks Could Talk: Teacher's Guide. Delta Education, 1995. (2 copies)
- Cur Lib PALMS
GE 70 M64 Monroe, Martha C. and David Cappaert. Integrating Environmental Education Into the School Curriculum. Kendall/Hunt Publishing, 1994. (K-12)
- Cur Lib PALMS
Q 181 .A1 S364
v. 8 no.3 Museum Institute for Teaching Science. Science is Elementary: A Science Teaching Resource Publication: Getting Physical with Body Works. Boston, MA: MITS, 1996. (elem/middle gr.)
- Cur Lib PALMS
Q 181 .A1 S364
v. 8 no.4 Museum Institute for Teaching Science. Science is Elementary: A Science Teaching Resource Publication: Getting Physical with Nature Gone Wild. Boston, MA: MITS, 1997. (elementary/middle school)
- Cur Lib PALMS
Q 181 .A1 S364
v. 6 no.3 Museum Institute for Teaching Science. Science is Elementary: A Science Teaching Resource Publication: Leonardo da Vinci. Boston, MA: MITS, 1994. (elementary/middle school)
- Cur Lib PALMS
Q 181 P72 Level A Prime Science Education Group. Prime Science: Level A: Raising the Standard. Kendall/Hunt Publishing, 1998. (middle school - grade 6) (student book and teacher guide)

- Cur Lib PALMS
Q 181 P72 Level B Prime Science Education Group. Prime Science: Level B: Raising the Standard. Kendall/Hunt Publishing, 1998. (middle school - grade 7) (student book and teacher guide)
- Cur Lib PALMS
Q 181 P72 Level C Prime Science Education Group. Prime Science: Level C: Raising the Standard. Kendall/Hunt Publishing, 1998. (middle school - grade 8) (student book and teacher guide)
- Cur Lib PALMS
Q 181 P73 Level 1 Prime Science Education Group. Prime Science: Level 1: Raising the Standard. Kendall/Hunt Publishing, 1998. (high school) (student book and 2-volume teacher guide)
- Cur Lib PALMS
Q 181 P73 Level 2 Prime Science Education Group. Prime Science: Level 2: Raising the Standard. Kendall/Hunt Publishing, 1998. (grades 6-12) (student book and teacher guide)
- Cur Lib PALMS
QC 945 H 87 Wright, Russell G. Hurricane! An Events-Based Science Module (meteorology module) (middle grades). Innovative Learning Publications, Addison-Wesley, 1995. (teacher guide and video)

Life Science

- Cur Lib PALMS
Q 181 G 43aia
t.g. Barrett, Katharine. Animals in Action: Teacher's Guide (grades 5-9). Great Explorations in Math and Science/Lawrence Hall of Science, 1995.
- Cur Lib PALMS
Q 181 G 43mam
t.g. Barrett, Katharine. Mapping Animal Movements: Teacher's Guide (Grades 5-9). Great Explorations in Math and Science/Lawrence Hall of Science, 1992.
- Cur Lib PALMS
Q 181 G 43mfh
t.g. Barrett, Katharine and Cary I. Sneider. Mapping Fish Habitats: Teacher's Guide (Grades 6-10). Great Explorations in Math and Science/Lawrence Hall of Science, 1992.
- Cur Lib PALMS
QH 431 B305
1999 Biological Sciences Curriculum Study. Basic Genetics: A Human Approach, 3rd edition. Kendall/Hunt Publishing, 1999. (high school level) (teacher's guide)
- Cur Lib PALMS
QP 36 B57 Biological Sciences Curriculum Study. Biology: A Human Approach. Kendall/Hunt Publishing, 1997. (high school level) (includes student book, teacher guide and t.r.b.)
- Cur Lib PALMS
QH 315 B 85 Cairney, William J. and others. BSCS Biology: An Ecological Approach, eighth edition (middle/high school). Kendall/Hunt Publishing Company, 1998. (series includes student text, student study guide, teacher edition, and test item file manual)
- Cur Lab PALMS
QH 541 .14
C35 Calabi, Prassede. Ecology: A Systems Approach. Kendall/Hunt Publishing, 1998. (high school level) (includes student texts - modules 1, 2, 3; teacher's guide; skull photo cards)

Cur Lib PALMS QH 308 .7 L 54	Capra, Judy and Harold Pratt. <u>Life Science: Middle School</u> . Kendall/Hunt Publishing Company, 1991. (series includes text, g.f.i., t.g., t.r.b.)
Cur Lib PALMS Q 181 I432ah	Center for Mathematics, Science, and Technology Education. <u>Animal Habitats</u> (junior high level). Center for Mathematics, Science, and Technology Education, Illinois State University, 1997.
Cur Lib PALMS QH 51 L 41 gr. K-6	Cornell Plantations and Arnold Arboretum. <u>LEAP: Elementary Life Science</u> . Cornell Plantations and Arnold Arboretum, 1993. (a unit binder for each grade level K-6)
Cur Lib PALMS Q 181 D 75 Gr. 3-5 ab	Delta Education. <u>Animal Behavior: Teacher's Guide</u> . Delta Education, 1997.
Cur Lib PALMS Q 181 D 75 Gr. K-3 bam	Delta Education. <u>Butterflies and Moths: Teacher's Guide</u> . Delta Education, 1996.
Cur Lib PALMS Q 181 D 75 Gr. K-3 cp	Delta Education. <u>Classroom Plants: Teacher's Guide</u> . Delta Education, 1996.
Cur Lib PALMS Q 181 D 75 Gr. 3-5 dc	Delta Education. <u>Dinosaur Classification: Teacher's Guide</u> . Delta Education, 1997.
Cur Lib PALMS QP 624 .5 D 63 Drawer(s) 1, 2 and t.g.	Delta Education. <u>DNA - From Genes to Proteins</u> . Delta Education, 1997. (grades 6-8) (kit includes two drawers of teaching aids and a teacher guide) (non-circulating instructional aid)
Cur Lib PALMS Q 181 D 75 Gr. 3-5 fca	Delta Education. <u>Food Chains and Webs: Teacher's Guide</u> . Delta Education, 1997.
Cur Lib PALMS Q 181 D 75 Gr. K-3 fst	Delta Education. <u>From Seed to Plant: Teacher's Guide</u> . Delta Education, 1996.
Cur Lib PALMS Q 181 D 75 Gr. 5-6 fsw	Delta Education. <u>Fungi - Small Wonders: Teacher's Guide</u> . Delta Education, 1994.
Cur Lib PALMS Q 181 D 75 Gr. K-3 oaa	Delta Education. <u>Observing an Aquarium: Teacher's Guide</u> . Delta Education, 1996.

Cur Lib PALMS Q 181 D 75 Gr. 3-5 paa	Delta Education. <u>Plant and Animal Life Cycles: Teacher's Guide</u> . Delta Education, 1995.
Cur Lib PALMS Q 181 D 75 Gr. K-3 paa	Delta Education. <u>Plant and Animal Populations: Teacher's Guide</u> . Delta Education, 1996.
Cur Lib PALMS Q 181 D 75 Gr. 5-6 pol	Delta Education. <u>Pollution: Teacher's Guide</u> . Delta Education, 1997.
Cur Lib PALMS Q 181 D 75 Gr. 5-6 pl	Delta Education. <u>Pond Life: Teacher's Guide</u> . Delta Education, 1994.
Cur Lib PALMS Q 181 D 75 Gr. 5-6 yay	Delta Education. <u>You and Your Body: Teacher's Guide</u> . Delta Education, 1996.
Cur Lib PALMS Q 161 .2 E95mop	Diaco, Paula T. <u>The Mysteries of Plant Life</u> (grades 4-8). American Guidance Service, 1997.
Cur Lib PALMS Q 181 G 43ad t.g.	Echols, Jean C. <u>Animal Defenses: Teacher's Guide</u> (grades Preschool-K). Great Explorations in Math and Science/Lawrence Hall of Science, 1996.
Cur Lib PALMS Q 181 G 43ahu t.g.	Echols, Jean C. and others. <u>Ant Homes Under the Ground: Teacher's Guide</u> (grades Preschool-1). Great Explorations in Math and Science/Lawrence Hall of Science, 1996.
Cur Lib PALMS Q 181 G 43bah t.g.	Echols, Jean C. <u>Buzzing a Hive: Teacher's Guide</u> (grades K-3). Great Explorations in Math and Science/Lawrence Hall of Science, 1996.
Cur Lib PALMS Q 181 G 43eee t.g.	Echols, Jean C. and others. <u>Eggs Eggs Everywhere: Teacher's Guide</u> (grades PreSchool-1). Great Explorations in Math and Science/Lawrence Hall of Science, 1997.
Cur Lib PALMS Q 181 G 43hab t.g.	Echols, Jean C. <u>Hide a Butterfly: Teacher's Guide</u> (grades Preschool-K). Great Explorations in Math and Science/Lawrence Hall of Science, 1997.
Cur Lib PALMS Q 181 G 43lad t.g.	Echols, Jean C. <u>Ladybugs: Teacher's Guide</u> (Grades PreK-1). Great Explorations in Math and Science/Lawrence Hall of Science, 1996.
Cur Lib PALMS Q 181 G 43pat t.g.	Echols, Jean C. <u>Penguins and Their Young: Teacher's Guide</u> (grades PreSchool-1). Great Explorations in Math and Science/ Lawrence Hall of Science, 1996.

Cur Lib PALMS Q 181 G 43th t.g.	Echols, Jean C. <u>Tree Homes: Teacher's Guide</u> (grades Preschool-1). Great Explorations in Math and Science/ Lawrence Hall of Science, 1993.
Cur Lib PALMS Q 181 I 56 Gr. 4-5 v. 4	Education Development Center. <u>An Elementary Insights: Hands-on Inquiry Science Curriculum: Bones and Skeletons.</u> Kendall/Hunt Publishing Company, 1997.
Cur Lib PALMS Q 181 I 56 Gr. 2-3 v. 5	Education Development Center. <u>An Elementary Insights: Hands-on Inquiry Science Curriculum: Growing Things.</u> Kendall/Hunt Publishing Company, 1997.
Cur Lib PALMS Q 181 I 56 Gr. 6 v. 3	Education Development Center. <u>An Elementary Insights: Hands-on Inquiry Science Curriculum: Human Body Systems.</u> Kendall/Hunt Publishing Company, 1997.
Cur Lib PALMS Q 181 I 56 Gr. K-1 v. 4	Education Development Center. <u>An Elementary Insights: Hands-on Inquiry Science Curriculum: Living Things.</u> Kendall/Hunt Publishing Company, 1997.
Cur Lib PALMS Q 181 I 56 Gr K-1 v. 1	Education Development Center. <u>An Elementary Insights: Hands-on Inquiry Science Curriculum: Myself and Others.</u> Kendall/Hunt Publishing Company, 1997.
Cur Lib PALMS Q 181 I 56 Gr. K-1 v. 2	Education Development Center. <u>An Elementary Insights: Hands-on Inquiry Science Curriculum: The Senses.</u> Kendall/Hunt Publishing Company, 1997.
Cur Lib PALMS QH 308 .2 I 57boi	Education Development Center, Inc. <u>Insights in Biology: The Blueprints of Infection</u> (secondary level). Kendall/Hunt Publishing Company, 1998. (student manual and teacher guide)
Cur Lib PALMS QH 308 .2 I 57dst	Education Development Center, Inc. <u>Insights in Biology: Different Stages Through the Ages</u> (secondary level). Kendall/Hunt Publishing Company, 1998. (student manual and teacher guide)
Cur Lib PALMS QH 308 .2 I57 i.g.	Education Development Center, Inc. <u>Insights in Biology: Implementation Guide.</u> Kendall/Hunt Publishing, 1998. (secondary level)
Cur Lib PALMS QH 308 .2 I 57mol	Education Development Center, Inc. <u>Insights in Biology: The Matter of Life</u> (secondary level). Kendall/Hunt Publishing Company, 1998. (student manual and teacher guide)
Cur Lib PALMS QH 308 .2 I 57taf	Education Development Center, Inc. <u>Insights in Biology: Traits and Fates</u> (secondary level). Kendall/Hunt Publishing Company, 1998. (student manual and teacher guide)

- Cur Lib PALMS
Q 181 D 75
Gr. 6-8 pio
- Goldner, Katy. Plants in Our World: Teacher's Guide.
Delta Education, 1996.
- Cur Lib PALMS
Q 181 D75dna
Kit
- Hoskins, Betty B. DNA, From Genes to Proteins.
Hudson, NH: Delta Education, 1997. (grades 6-8)
(kit includes two drawers of teaching aids and a teacher guide)
(non-circulating instructional aid)
- Cur Lib PALMS
Q 181 D75
Gr. 6-8 dna
- Hoskins, Betty B. DNA, From Genes to Proteins: Teacher's Guide. Hudson, NH: Delta Education, 1997.
(middle school)
- Cur Lib PALMS
Q 181 G 43ter
t.g.
- Hosoume, Kimi and Jacqueline Barber. Terrarium Habitats: Teacher's Guide (grades K-6). Great Explorations in Math and Science/Lawrence Hall of Science, 1997.
- Cur Lib PALMS
SB 55 J 34
- Jaffe, Roberta and Gary Appel. The Growing Classroom: Garden-Based Science. (grades 2-6) Addison-Wesley Publishing Company, 1990.
- Cur Lib PALMS
Q 181 G 43ear
t.g.
- Knott, Robert C. and others. Earthworms: Teacher's Guide (grades 6-10). Great Explorations in Math and Science/Lawrence Hall of Science, 1996.
- Cur Lib PALMS
Q 181 F 68atb
- Lawrence Hall of Science. Animals Two by Two (grade K).
Encyclopedia Britannica Educational Corporation, 1993.
(teacher's text; teacher preparation video)
- Cur Lib PALMS
Q 181 F 68env
- Lawrence Hall of Science. Environments (grades 5-6).
Encyclopedia Britannica Educational Corporation, 1993.
(teacher's text; teacher preparation video)
- Cur Lib PALMS
Q 181 F 68fan
- Lawrence Hall of Science. Food and Nutrition (grades 5-6).
Encyclopedia Britannica Educational Corporation, 1993.
(teacher text; teacher preparation video)
- Cur Lib PALMS
Q 181 F 68hb
- Lawrence Hall of Science. Human Body (grades 3-4).
Encyclopedia Britannica Educational Corporation, 1993.
(teacher text; teacher preparation video)
- Cur Lib PALMS
Q 181 F 68ins
- Lawrence Hall of Science. Insects (grades 1-2). Encyclopedia Britannica Educational Corporation, 1995. (teacher's text; teacher preparation video)
- Cur Lib PALMS
Q 181 F 68np
- Lawrence Hall of Science. New Plants (grades 1-2).
Encyclopedia Britannica Educational Corporation, 1995.
(teacher's text; teacher preparation video)

- Cur Lib PALMS
Q 181 F 68sol
Lawrence Hall of Science. Structures of Life (grades 3-4). Encyclopedia Britannica Educational Corporation, 1993. (teacher text; teacher preparation video)
- Cur Lib PALMS
Q 181 F 68tre
Lawrence Hall of Science. Trees (grade K). Encyclopedia Britannica Educational Corporation, 1995. (teacher's text; teacher preparation video)
- Cur Lib PALMS
Q 181 S 346
v. 1 t.g.
McGlashan, Patricia and others. Experiments with Plants: Teacher's Guide (Grade 6). Carolina Biological Supply Company, 1992.
- Cur Lib PALMS
Q 181 S 343
v. 1 t.g.
McGlashan, Patricia and Science and Technology for Children. Plant Growth and Development: Teacher's Guide (Grade 3). Carolina Biological Supply Company, 1991.
- Cur Lib PALMS
SB 945 G9
M63
Mollenhauer, Erik and Patricia Bendler. The Gypsy Moth in the Classroom. Washington, D.C.: U.S. Department of Agriculture, Forest Service, 1991. (grades K-5)
- Cur Lib PALMS
Q 181 S 344
v.1 t.g.
National Science Resources Center. Animal Studies: Teacher's Guide (Grade 4). Carolina Biological Supply Company, 1997.
- Cur Lib PALMS
Q 181 S 342
v. 1 t.g.
Pembleton, Seliesa and others. The Life Cycle of Butterflies: Teacher's Guide (Grade 2). National Science Resources Center, 1992.
- Cur Lib PALMS
Q 181 S 345
v. 1 t.g.
Pembleton, Seliesa and others. Microworlds: Teacher's Guide (Grade 5). National Science Resources Center, 1991.
- Cur Lib PALMS
Q 181 D 75
Gr. 3-5 il
Reno, Diana. Insect Life: Teacher's Guide. Delta Education, 1994.
- Cur Lib PALMS
QR 41 .2 S17
Sagan, Doris and Lynn Margulis. Garden of Microbial Delights: A Practical Guide to the Subvisible World. Kendall/Hunt Publishing, 1993. (middle school-high school)
- Cur Lib PALMS
Q 181 S 341
v. 1 t.g.
Science and Technology for Children/National Science Resources Center. Organisms: Teacher's Guide (Grade 1). Carolina Biological Supply Company, 1996.
- Cur Lib PALMS
Q 161 .2 E95moa
Shipley, Rick. The Mysteries of Animal Life (grades 4-8). American Guidance Service, 1997.
- Cur Lib PALMS
Q 181 D 75
Gr. 3-5 sta
Terrill, Eileen. Small Things and Microscopes: Teacher's Guide. Delta Education, 1994.

- Cur Lib PALMS
QR 181 .8 N6
VanTassel-Baska, Joyce and others. No Quick Fix: A Problem-Based Unit. Kendall/Hunt Publishing, 1997. (unit on immunology and microbiology) (grades 6-8)
- Cur Lib PALMS
GV 721 .5 .W74
t.g.
Wright, Russell G. Gold Medal!: An Event-Based Science Module. Orangeburg, NY: Dale Seymour Publications, 1998. (accompanied by video: "Gold Medal!") (middle school level)
- Cur Lib PALMS
RC 140 .5 W74
t.g.
Wright, Russell G. Outbreak!: An Event-Based Science Module. White Plains, NY: Dale Seymour Publications, 1997-1999. (accompanied by video: "Outbreak!") (middle school level)
- Cur Lib PALMS
QH 546 W74
Wright, Russell G. Survive! An Event-Based Science Module. Animals and Adaptation Module. Parsippany, NJ: Dale Seymour Publications, 1997-2001.
- Cur Lib PALMS
QR 100 M53
Zook, Douglas, ed. The Microcosmos Curriculum Guide to Exploring Microbial Space. Kendall/Hunt Publishing, 1996 (c1992). (high school)

Physical Science

- Cur Lib PALMS
Q 181 G 43le
t.g.
Agler, Leigh. Liquid Explorations: Teacher's Guide (Grades 1-3). Great Explorations in Math and Science/Lawrence Hall of Science, 1995.
- Cur Lib PALMS
Q 181 G 43bf
t.g.
Barber, Jacqueline and Carolyn Willard. Bubble Festival: Presenting Bubble Activities in a Learning Station Format, Teacher's Guide (grades K-6). Great Explorations in Math and Science/Lawrence Hall of Science, 1994.
- Cur Lib PALMS
Q 181 G 43bub
t.g.
Barber, Jacqueline. Bubble-ology: Teacher's Guide (grades 5-9). Great Explorations in Math and Science/Lawrence Hall of Science, 1992.
- Cur Lib PALMS
Q 181 G 43dd
t.g.
Barber, Jacqueline and others. Discovering Density: Teacher's Guide (grades 6-10). Great Explorations in Math and Science/Lawrence Hall of Science, 1993.
- Cur Lib PALMS
Q 181 G 43sla
p.g.
Barber, Jacqueline. Solids, Liquids, and Gases: A School Assembly Program (grades 3-6). Great Explorations in Math and Science/Lawrence Hall of Science, 1995.
- Cur Lib PALMS
TJ808 S86
Center for Renewable Energy and Sustainable Technology. The Sun's Joules. Washington, D.C.: The Center, 1997. (junior high/high school) (booklet and computer disk)

Cur Lib PALMS Q 181 D 75 Gr. 3-5 ec	Delta Education. <u>Electrical Circuits: Teacher's Guide</u> . Delta Education, 1996.
Cur Lib PALMS Q 181 D 75 Gr. 5-6 ele	Delta Education. <u>Electromagnetism: Teacher's Guide</u> . Delta Education, 1997.
Cur Lib PALMS Q 181 D 75 Gr. K-3 iw	Delta Education. <u>Investigating Water: Teacher's Guide</u> . Delta Education, 1996.
Cur Lib PALMS Q 181 D 75 Gr. K-3 lac	Delta Education. <u>Length and Capacity: Teacher's Guide</u> . Delta Education, 1996.
Cur Lib PALMS Q 181 D 75 Gr. 3-5 mea	Delta Education. <u>Measuring: Teacher's Guide</u> . Delta Education, 1996.
Cur Lib PALMS Q 181 D 75 Gr. 3-5 pac	Delta Education. <u>Powders and Crystals: Teacher's Guide</u> . Delta Education, 1995.
Cur Lib PALMS Q 181 D 75 Gr. K-3 pro	Delta Education. <u>Properties: Teacher's Guide</u> . Delta Education, 1996.
Cur Lib PALMS Q 181 D 75 Gr. 5-6 sm	Delta Education. <u>Simple Machines: Teacher's Guide</u> . Delta Education, 1996.
Cur Lib PALMS Q 181 D 75 Gr. K-3 sof	Delta Education. <u>Sink or Float?: Teacher's Guide</u> . Delta Education, 1996.
Cur Lib PALMS Q 181 D 75 Gr. K-3 som	Delta Education. <u>States of Matter: Teacher's Guide</u> . Delta Education, 1996.
Cur Lib PALMS Q 181 I 56 Gr. 4-5 v. 2	Education Development Center. <u>An Elementary Insights: Hands-on Inquiry Science Curriculum: Changes of State</u> . Kendall/Hunt Publishing Company, 1997.
Cur lib PALMS Q 181 I 56 Gr. 4-5 v. 1	Education Development Center. <u>An Elementary Insights: Hands-on Inquiry Science Curriculum: Circuits and Pathways</u> . Kendall/Hunt Publishing Company, 1997.

Cur Lib PALMS Q 181 I 56 Gr. 2-3 v. 1	Education Development Center. <u>An Elementary Insights: An Elementary Insights: Hands-on Inquiry Science Curriculum: Lifting Heavy Things</u> . Kendall/Hunt Publishing Company, 1997.
Cur Lib PALMS Q 181 I 56 Gr. 2-3 v. 3	Education Development Center. <u>An Elementary Insights: Hands-on Inquiry Science Curriculum: Liquids</u> . Kendall/Hunt Publishing Company, 1997.
Cur Lib PALMS Q 181 I 56 Gr. 2-3 v. 4	Education Development Center. <u>An Elementary Insights: Hands-on Inquiry Science Curriculum: Sound</u> . Kendall/Hunt Publishing Company, 1997.
Cur Lib PALMS Q 181 I 56 Gr. 6 v. 1	Education Development Center. <u>An Elementary Insights: Hands-on Inquiry Science Curriculum: Structures</u> . Kendall/Hunt Publishing Company, 1997.
Cur Lib PALMS QC 30 A25c	Eisenkraft, Arthur. <u>Active Physics: Communication</u> . Armonk, NY: It's About Time, 1998. (secondary level) (includes student text, teacher's edition, & video)
Cur Lib PALMS QC 30 A25h	Eisenkraft, Arthur. <u>Active Physics: Home</u> . Armonk, NY: It's About Time, 1998. (secondary level) (includes student text and teacher's edition)
Cur Lib PALMS QC 30 A25m	Eisenkraft, Arthur. <u>Active Physics: Medicine</u> . Armonk, NY: It's AboutTime, 1998. (secondary level) (includes student text and teacher's edition)
Cur Lib PALMS QC 30 A25p	Eisenkraft, Arthur. <u>Active Physics: Predictions</u> . Armonk, NY: It's About Time, 1998. (secondary level) (includes student text and teacher's edition)
Cur Lib PALMS QC 30 A25s Video	Eisenkraft, Arthur. <u>Active Physics: Sports</u> . Armonk, NY: It's AboutTime, 1998. (secondary level) (video only - student text and teacher edition lost)
Cur Lib PALMS QC 30 A25t	Eisenkraft, Arthur. <u>Active Physics: Transportation</u> . Armonk, NY: It's AboutTime, 1998. (secondary level) (includes student text, teacher edition, and video)
Cur Lib PALMS QC 523 .E54	Ellis, Judi. <u>Electricity City: A Problem-Based Unit</u> . Dubuque, IA: Kendall-Hunt, 1997. (elementary level)
Cur Lib PALMS Q 181 S 344 v. 3 t.g.	Griffith, Joe and others. <u>Electric Circuits: Teacher's Guide</u> (Grade 4). National Science Resources Center, 1991.
Cur Lib PALMS Q 181 G 43cac t.g.	Gould, Alan. <u>Convection - A Current Event: Teacher's Guide</u> (grades 6-9). Great Explorations in Math and Science/Lawrence Hall of Science, 1996.

Cur Lib PALMS QC 23 P92	Haber-Schaim, Uri and others. <u>PSSC Physics</u> . Kendall/Hunt Publishing, 1991. (high school level) (laboratory guide, student text, and teacher guide)
Cur Lib PALMS Q 181 S 345 v. 4 t.g.	Hartney, David and others. <u>Floating and Sinking: Teacher's Guide</u> (Grade 5). Carolina Biological Supply Company, 1995.
Cur Lib PALMS Q 181 S 346 v. 4 t.g.	Hartney, David and others. <u>Magnets and Motors: Teacher's Guide</u> (Grade 6). National Science Resources Center, 1991.
Cur Lib PALMS Q 181 S 343 v. 4 t.g.	Hartney, David and others. <u>Sounds: Teacher's Guide</u> (Grade 3). National Science Resources Center, 1991.
Cur Lib PALMS Q 181 D 75 Gr. 3-5 mag	Hendry, Joreen. <u>Magnets: Teacher's Guide</u> . Delta Education, 1996.
Cur Lib PALMS Q 181 I43et	Illinois State University. <u>Energy Transformations</u> . New York, NY: Glencoe/McGraw-Hill, 1999. (middle level) (includes student text, student journal, & teacher resource book)
Cur Lib PALMS Q 181 F 68bam Kit	Lawrence Hall of Science. <u>Balance and Motion</u> (grades 1-2). Encyclopedia Britannica Educational Corporation, 1995. (non-circulating instructional aid)
Cur Lib PALMS Q 181 F 68fab	Lawrence Hall of Science. <u>Fabric</u> (grade K). Encyclopedia Britannica Educational Corporation, 1995. (teacher's text; teacher preparation video)
Cur Lib PALMS Q 181 F 68fab Kit	Lawrence Hall of Science. <u>Fabric</u> . (grade K). Berkeley, CA: Lawrence Hall of Science, 1995. (non-circulating instructional aid)
Cur Lib PALMS Q 181 F 68lap Kit	Lawrence Hall of Science. <u>Levers and Pulleys</u> (grades 5-6). Encyclopedia Britannica Educational Corporation, 1993. (non-circulating instructional aid)
Cur Lib PALMS Q 181 F 68mae Kit	Lawrence Hall of Science. <u>Magnetism and Electricity</u> (grades 3-4). Encyclopedia Britannica Educational Corporation, 1993. (non-circulating instructional aid)
Cur Lib PALMS Q 181 F 68pap Kit	Lawrence Hall of Science. <u>Paper</u> (grade K). Encyclopedia Britannica Educational Corporation, 1993. (non-circulating instructional aid)

Cur Lib PALMS Q 181 F 68sal Kit Drawers 1 & 2	Lawrence Hall of Science. <u>Solids and Liquids</u> (grades 1-2). Berkeley, CA: Lawrence Hall of Science, 1995. (non-circulating instructional aid)
Cur Lib PALMS Q 181 F 68woo Kit Drawers 1 & 2	Lawrence Hall of Science. <u>Wood</u> . (grade K). Berkeley, CA: Lawrence Hall of Science, 1995. (non-circulating instructional aid)
Cur Lib PALMS QC 30 I54	Leonard, William J. <u>Minds On Physics: Interactions</u> . Dubuque, IA: Kendall/Hunt Publishing, 1999. (grades 9-12) (series includes activities & reader, and teacher's guide)
Cur Lib PALMS QC 30 M68	Leonard, William J. <u>Minds On Physics: Motion</u> . Dubuque, IA: Kendall/Hunt Publishing, 1999. (grades 9-12) (series includes activities & reader, and teacher's guide)
Cur Lib PALMS QC 30 C65 a.r.	Leonard, William J. <u>Minds On Physics: Conservation Laws & Concept-Based Problem Solving</u> . Dubuque, IA: Kendall/ Hunt Publishing, 1999. (grades 9-12)
Cur Lib PALMS Q 181 G 43sts t.g.	Lowell, Laura and Carolyn Willard. <u>Sifting Through Science: Teacher's Guide</u> (grades K-2). Great Explorations in Science/ Lawrence Hall of Science, 1997.
Cur Lib PALMS Q 161 .2 E95mma	Marshall, Robert H. and Allen Roszkopf. <u>Matter, Motion, and Machines</u> (grades 4-8). American Guidance Service, 1997.
Cur Lib PALMS QC 30 M 37	Marshall, Robert H. and Donald H. Jacobs. <u>Physical Science</u> (grades 4-8). American Guidance Service, 1997. (student text and teacher edition)
Cur Lib PALMS Q 181 .A1 S364 v. 8 no.2	Museum Institute for Teaching Science. <u>Science is Elementary: A Science Teaching Resource Publication: Getting Physical with Energy and Motion</u> . Boston, MA: MITS, 1994. (elementary/middle school)
Cur Lib PALMS Q 181 D 75 Gr. K-3 aa	National Learning Center. <u>Amazing Air: Teacher's Guide</u> . Delta Education, 1996.
Cur Lib PALMS Q 181 D 75 Gr. 5-6 col	National Learning Center. <u>Color and Light: Teacher's Guide</u> . Delta Education, 1994.
Cur Lib PALMS Q 181 D 75 Gr. 5-6 lam	National Learning Center. <u>Lenses and Mirrors: Teacher's Guide</u> . Delta Education, 1994.
Cur Lib PALMS Q 181 S 342 v. 4 t.g.	National Science Resources Center. <u>Balancing and Weighing: Teacher's Guide</u> (Grade 2). Carolina Biological Supply Company, 1995.

- Cur Lib PALMS
Q 181 S 344
v. 4 t.g.
O'Donnell, Carol and others. Motion and Design: Teacher's Guide (Grade 4). National Science Resources Center, 1991.
- Cur Lib PALMS
QC 21 .2 P43
Physics Teacher's CD-ROM Toolkit Project and the National Science Foundation. Physics InfoMall. Armonk, NY: The Learning Team, 1995. (gr. 9-12) (guidebook and CD-ROM only; user's guide lost)
- Cur Lib PALMS
Q 181 D 75
Gr. 6-8 ec
Roth, Bob. Electrical Connections: Teacher's Guide. Delta Education, 1996.
- Cur Lib PALMS
Q 181 S 342
v. 3 t.g.
Science and Technology for Children/National Science Resources Center. Changes: Teacher's Guide (Grade 2). National Science Resources Center, 1997.
- Cur Lib PALMS
Q 181 S 341
v. 4 t.g.
Science and Technology for Children/National Science Resources Center. Comparing and Measuring: Teacher's Guide (Grade 1). Carolina Biological Supply Company, 1996.
- Cur Lib PALMS
Q 181 G 43ca
t.g.
Sneider, Cary I. and others. Color Analyzers: Teacher's Guide (grades 5-9). Great Explorations in Math and Science/Lawrence Hall of Science, 1996.
- Cur Lib PALMS
Q 181 G 43moe
t.g.
Sneider, Cary I. and others. The Magic of Electricity: A School Assembly Program Presenter's Guide (grades 3-6). Great Explorations in Math & Science/Lawrence Hall of Science, 1996.
- Cur Lib PALMS
Q 181 G 43mtm
t.g.
Sneider, Cary I. and Alan Gould. More Than Magnifiers: Teacher's Guide (Grades 6-9). Great Explorations in Math and Science/Lawrence Hall of Science, 1996.
- Cur Lib PALMS
Q 181 S 341
v. 3 t.g.
Stiles, Katherine and others. Solids and Liquids: Teacher's Guide (Grade 1). Carolina Biological Supply Company, 1996.
- Cur Lib PALMS
Q 181 D 75
Gr. 6-8 ntb
Sumners, Carolyn. Newton's Toy Box: Teacher's Guide. Delta Education, 1996.
- Cur Lib PALMS
QB 524 W74
Wright, Russell G. Blackout! An Event-Based Science Module. Electricity and Solar Activity Module. Parsippany, NJ: Dale Seymour Publications, 1997-2001. (middle school) (teacher's guide, video, CD-ROM)
- Cur Lib PALMS
QC 133 W74
t.g.
Wright, Russell G. Thrill Ride!: An Event-Based Science Module. Palo Alto, CA: Dale Seymour Publications, 1999. (accompanied by video: "Thrill Ride!", and student edition) (middle school level)

Science Investigation and Experimentation

- Cur Lib PALMS
Q 181 G 43fin
t.g. Ahouse, Jeremy J. and Jacqueline Barber. Fingerprinting: Teacher's Guide (grades 4-8). Great Explorations in Math and Science/Lawrence Hall of Science, 1997.
- Cur Lib PALMS
Q 181 G 43clc
t.g. Barber, Jacqueline. Crime Lab Chemistry: Teacher's Guide (grades 4-8). Great Explorations in Math and Science/Lawrence Hall of Science, 1997.
- Cur Lib PALMS
Q 181 G 43lal
t.g. Barber, Jacqueline and others. Learning About Learning: GEMS Teacher's Guide (Grades 6-8). Great Explorations in Math and Science/Lawrence Hall of Science, 1996.
- Cur Lib PALMS
Q 181 G 43vct
t.g. Barber, Jacqueline. Vitamin C Testing: Teacher's Guide (grades 4-8). Great Explorations in Math and Science/Lawrence Hall of Science, 1990.
- Cur Lib PALMS
Q 161 .2 E95gs Cooper, Sally A. and others. General Science (grades 4-8). American Guidance Service, 1997.
- Cur Lib PALMS
QC 73 .6 B 34
Drawer(s) A, B
and Manual Education Development Center. Balls and Ramps: Grades K-1. Kendall/Hunt Publishing Company, 1997. (non-circulating instructional aid)
- Cur Lib PALMS
QD 45 E341
1996 Ehrenkranz, David F. and John J. Mauch. Chemistry in Microscale: A Set of Microscale Laboratory Experiments with Teacher Guides, second edition. Kendall/Hunt Publishing, 1996. (high school level) (2 CD-ROM disks accompany text)
- Cur Lib PALMS
QH 316 .5 I54 Ingram, Mrill and others. Bottle Biology. Kendall/Hunt Publishing, 1993. (adaptable for all grade levels K-post-secondary)
- Cur Lib PALMS
QH 541 .2 K28 Kaufman, Donald G. and Lisa Taylor. Using Microcosms to Teach About the Environment. Kendall/Hunt Publishing, 1996. (middle/high school)
- Cur Lib PALMS
Q 181 F 68iai Lawrence Hall of Science. Ideas and Inventions (grades 3-4). Encyclopedia Britannica Educational Corporation, 1993. (teacher's text; teacher preparation video)
- Cur Lib PALMS
Q 181 F 68mea Lawrence Hall of Science. Measurement (grades 3-4). Encyclopedia Britannica Educational Corporation, 1993. (teacher text; teacher preparation video)
- Cur Lib PALMS
Q 181 F 68mad Lawrence Hall of Science. Models and Designs (grades 5-6). Encyclopedia Britannica Educational Corporation, 1993. (teacher text; teacher preparation video)

- Cur Lib PALMS
Q 181 F 68var
Lawrence Hall of Science. Variables (grades 5-6). Encyclopedia Britannica Educational Corporation, 1993. (teacher text and teacher preparation video)
- Cur Lib PALMS
QD 45 E342
1996
Mauch, John J. and David F. Ehrenkranz. Chemistry in Microscale: Book 2. Kendall/Hunt Publishing, 1996. (teacher edition)
- Cur Lib PALMS
Q 181 F 3
v. 1, 2, 3
Pottenger, Francis M. III and Donald B. Young. FAST: Foundational Approaches in Science Teaching -
v. 1 - The Local Environment
v. 2 - The Flow of Matter and Energy in the Biosphere
v. 3 - Change Over Time.
(grades 6-9)
University of Hawaii Curriculum Research and Development Group, 1996.(the components for each volume include student textbook, student record book, teacher guide, visual aid masters, instructional guide, evaluation guide, and reference booklets)
- Cur Lib PALMS
Q 181 S 346
v. 2 t.g.
Science and Technology for Children/National Science Resources Center. Measuring Time: Teacher's Guide (Grade 6). Carolina Biological Supply Company, 1994.
- Cur Lib PALMS
QA 75 S 37
2 copies
Sconzo, Penney and Christopher Harrow. TI-82 & CBL Lab Applications in Biology and Chemistry (secondary level). Kendall/Hunt Publishing Company, 1995.
- Cur Lib PALMS
Q 181 G 43owd
t.g.
Sneider, Cary I. Oobleck: What Do Scientists Do?: Teacher's Guide (Grades 4-8). Great Explorations in Math and Science/Lawrence Hall of Science, 1996.
- Cur Lib PALMS
Q 181 G 43wl
t.g.
Sneider, Cary and Alan Gould. Wizard's Lab: Exhibit Guide (all ages). Great Explorations in Math and Science/Lawrence Hall of Science, 1996.
- Cur Lib PALMS
Q 181 G 43sf
t.g.
Tilley, Rebecca and Carolyn Willard. Secret Formulas: GEMS Teacher's Guide (Grades 1-3). Great Explorations in Math and Science/Lawrence Hall of Science, 1996.

Space Science and Astronomy

- Cur Lib PALMS
QB 61 P76
Coyle, Harold P. and others. Project STAR: The Universe in Your Hands. Kendall/Hunt Publishing, 1993. (high school level) (includes student text, teacher guide, and 2 videos)
- Cur Lib PALMS
Q 181 D 75
Gr. 3-5 ss
Delta Education. Solar System: Teacher's Guide. Delta Education, 1996.

- Cur Lib PALMS
QA 11 M548 House, Peggy. Mission Mathematics: Linking Aerospace and the NCTM Standards, Grades 9-12. Reston, VA: National Council of Teachers of Mathematics, 1997.
- Cur Lib PALMS
QA 11 M546 Hynes, Mary Ellen. Mission Mathematics: Linking Aerospace and the NCTM Standards, Grades K-6. Reston, VA: National Council of Teachers of Mathematics, 1997.
- Cur Lib PALMS
Q181 I43fd
1997 Illinois State University/Center for Mathematics, Science, and Technology Education. Forecasting. Normal, IL: Center for Mathematics, Science, and Technology Education, Illinois State University, 1997.
(student text, student journal, & teacher resource book, draft editions) (this module examines the theme of flight)
- Cur Lib PALMS
QB 601 P63 NASA. Planetary Geology: A Teacher's Guide with Activities in Physical and Earth Sciences. Washington, D.C.: National Aeronautics and Space Administration, 1998.
(grades 5-college)
- Cur Lib PALMS
QB 61 A42 NASA. Amazing Space: Education On-line from the Hubble Space Telescope: Hubble Space Telescope Deep Field Lesson Package, Grades 6-8, 4 Classroom Activities, Lithographs, Teacher's Guide. Washington, D.C.(?): National Aeronautics and Space Administration, 1997.
- Cur Lib PALMS
QP 355 .2
P73 NASA. The Brain in Space: A Teacher's Guide with Activities for Neuroscience. Washington, D.C.: National Aeronautics and Space Administration, Life Sciences Division, 1998.
(grades 5-12)
- Cur Lib PALMS
QB 145 S62 NASA. Space-Based Astronomy: A Teacher's Guide with Activities. Washington, D.C.: National Aeronautics and Space Administration, 1994. (grades 5-8)
- Cur Lib PALMS
TL 873 S96 NASA. Suited for Spacewalking: A Teacher's Guide with Activities for Technology Education, Mathematics, and Science. Washington, D.C.: National Aeronautics and Space Administration, 1998. (grades 5-12)
- Cur Lib PALMS
QA 11 M547 O'Connor, Vincent F. and Hynes, Michael C. Mission Mathematics: Linking Aerospace and the NCTM Standards, Grades 5-8. Reston, VA: National Council of Teachers of Mathematics, 1997.
- Cur Lib PALMS
QB 605 P 63 The Planets (grades 4-6). Knowledge Unlimited, 1997.
(contents include 9 posters and 1 teacher resource & activity guide) **Note: teacher resource guide, and poster on Saturn missing.** (these are non-circulating materials)

- Cur Lib PALMS
Q 181 D 75
Gr. 6-8 ema
- Radzilowicz, John G. and Jan M. Derby. Earth, Moon, and Sun: Teacher's Guide. Delta Education, 1994.
- Cur Lib PALMS
Q 181 D 75
Gr. K-3 ftm
- Radzilowicz, John G. and Jan M. Derby. Finding the Moon: Teacher's Guide. Delta Education, 1996.
- Cur Lib PALMS
Q 181 G 43ema
t.g.
- Sneider, Cary I. Earth, Moon, and Stars: Teacher's Guide (grades 5-9). Great Explorations in Math and Science/Lawrence Hall of Science, 1996.
- Cur Lib PALMS
Q 181 G 43ewm
t.g.
- Sneider, Cary I. Experimenting with Model Rockets: Teacher's Guide (grades 6-10). Great Explorations in Math and Science/Lawrence Hall of Science, 1997.
- Cur Lib PALMS
Q 181 D75
Gr. 6-8 ast
- Sumers, Carolyn. Astronomy: DSM II, Teacher's Guide. Nashua, NH: Delta Education, 1999. (middle school)
- Cur Lib PALMS
Q 181 G 43moj
t.g.
- Sutter, Debra and others. Moons of Jupiter: Teacher's Guide (Grades 4-9). Great Explorations in Math and Science/Lawrence Hall of Science, 1995.(accompanying slides in separate envelope)
- Cur Lib PALMS
QB 581 E98
- Taylor, G. Jeffrey. Exploring the Moon: A Teacher's Guide with Activities for Earth and Space Sciences. Washington, D.C.: National Aeronautics and Space Administration, 1994. (grades 4-12)
- Cur Lib PALMS
QB 801 T77
- Truelove, Elizabeth. The Life Cycle of Stars: An Information and Activity Booklet, Grades K-8, 1997-1998. Washington, D.C.: National Aeronautics and Space Administration, StarChild Team, 1997.
- Cur Lib PALMS
QB 801 W43
- Whitlock, Laura A. The Life Cycles of Stars: An Information and Activity Booklet, Grades 9-12, 1997-1998. Washington, D.C.: National Aeronautics and Space Administration, Imagine the Universe Team, 1997.
- Cur Lib PALMS
QB 651 W74
t.g.
- Wright, Russell G. Asteroid! An Event-Based Science Module. Menlo Park, CA: Innovative Learning Publications/Addison-Wesley Publishers, 1996.
(accompanied by video: "CNN's Impact Crater")
(middle school level)

CURRICULUM GUIDES

- Cur Lib PALMS
Q 183 .3 M 3
A 25 gr. K-8
Acushnet Public School System, Acushnet, Massachusetts.
Science Curriculum K-8. 1996.
- Cur Lib PALMS
Q 183 .3 M3
A86 gr. K-8
Attleboro Public School System. Science Curriculum.
(grades K-8). Undated.
- Cur Lib PALMS
Q 183 .3 M3
B68 gr. K-7
Bourne Public Schools, Bourne, Massachusetts.
Science Curriculum K-7. 1997.
- Cur Lib PALMS
Q 183 .3 M3
D37 gr. K-8
Dartmouth Public Schools. K-8 Science Curriculum Guide.
undated.
- Cur Lib PALMS
Q 183 .3 M 3
E 25 gr. K-6
Easton Public Schools, Easton, Massachusetts.
Science Curriculum K-6, Earth and Space Strand.
1995.
- Cur Lib PALMS
Q 183 .3 M3
N45 gr. 9-12
Greater New Bedford Regional Vocational Technical High School.
Outline of Course Offerings in Science. (grades 9-12)
1996.
- Cur Lib PALMS
T 73 .1 M3
N35 gr. K-12
Nantucket Public Schools. Technology Plan. (grades K-12)
1997.
- Cur Lib PALMS
Q 183 .3 M 3
N 67 gr. K-9
Norton Public Schools, Norton, Massachusetts.
Science Curriculum K-9. 1997.
- Cur Lib PALMS
Q 183 .3 M 3
R 64 gr. K-8
Old Rochester Regional School District, Mattapoisett,
Massachusetts. Science and Technology Curriculum K-8.
1996.
- Cur Lib PALMS
Q 183 .3 M3
R64 1997 gr.2
Old Rochester Regional School District. Science & Technology
Standards and Benchmarks. (grade 2) 1997.
- Cur Lib PALMS
Q 183 .3 M 3
P 6 1998 gr. K-4
Plymouth Public Schools, Plymouth, Massachusetts.
Science & Technology Curriculum, K-4 Lesson Plans.
1998.
- Cur Lib PALMS
Q 183 .3 M3
P6 1998 gr. 5-8
Plymouth Public Schools, Plymouth, Massachusetts.
Science & Technology Curriculum, 5-8 Lesson Plans.
1998.

- Cur Lib PALMS
Q 183 .3 M3
P6 1998 gr. 9-10
Plymouth Public Schools, Plymouth, Massachusetts.
Science & Technology Curriculum, 9-10 Lesson Plans.
1998.
- Cur Lib PALMS
Q 183 .3 M3
P6 1998 K-12
Plymouth Public Schools, Plymouth, Massachusetts.
Science & Technology Curriculum, K-12 Overview.
1998.
- Cur Lib PALMS
Q 183 .3 M3
P6 1998 K-12 Suppl
Plymouth Public Schools, Plymouth, Massachusetts.
Science & Technology Curriculum, K-12 Supplements.
1998.
- Cur Lib PALMS
Q 183 .3 M3
S25 gr. 7-12
Sandwich Public Schools. Math-Science-Technology Integrated
Units and Open Ended Questions. (grades 7-12) undated.
- Cur Lib PALMS
Q 183 .3 M 32
S 25 gr. K-10
Sandwich Public Schools, Sandwich, Massachusetts.
Proposed Science Curriculum K-10. 1997.
- Cur Lib PALMS
Q 183 .3 M 3
S 95 gr. K-9
Swansea School Department, Swansea, Massachusetts.
Science Curriculum Outline K-9. (not dated)
- Cur Lib PALMS
Q 183 .3 M 3
T 38 gr. 9-12
Taunton Public Schools, Taunton, Massachusetts.
Science Curriculum Grades 9-12. 1995.
- Cur Lib PALMS
Q 183 .3 M 3
W 37 gr. K-12
Wareham Public Schools, Wareham, Massachusetts.
Science Curriculum K-12. 1995.

PROFESSIONAL DEVELOPMENT AND PARENT RESOURCES

- Cur Lib PALMS
QD 47 C485
American Chemical Society, Education Division. Chemistry in
the National Science Education Standards: A Reader and
Resource Manual for High School Teachers. American
Chemical Society, 1997.
- Cur Lib PALMS
LB 1570 B324
Baker, Frederick J. and Jere S. Mendelsohn. Reforming
America's Schools: From Teachers and Curriculum to
Globalization and Interdisciplinary Projects. Kendall/Hunt
Publishing, 1997.
- Cur Lib PALMS
GE 70 B73
Baus, Judy A. and Martha C. Monroe. Designing Effective
Workshops. Kendall/Hunt Publishing, 1994.

- Cur Lib PALMS
QA 13 G82
1997-98 edition
& 1998-99 edition
- Eisenhower National Clearinghouse for Mathematics and Science Education. The Guidebook of Federal Resources for K-12 Mathematics and Science. Columbus, OH: The Clearinghouse (ENC), 1996- .
- Cur Lib PALMS
Q 183 .3 A1
I5
- Eisenhower National Clearinghouse for Mathematics and Science Education. Informal Mathematics and Science Education. Columbus, OH: ENC, 1998.
- Cur Lib PALMS
GE 70 E4
- Fairman, Kate and others, editors, and National Consortium for Environmental Education and Training. EE Reference Collection. Kendall/Hunt Publishing Company, 1996. (contains bibliographical references and index on environmental education)
- Cur Lib PALMS
TJ 163 .5 D86
G74 CD-ROM
- The Green Home. Armonk, NY: The Learning Team, 1997. (CD-ROM) (household ecology)
- Cur Lib PALMS
Q 181 I43sa
- Illinois State University, Center for Mathematics, Science, and Technology Education. A Standards-Based Approach to Implementing and Sustaining a Middle School Program That Integrates Mathematics, Science, and Technology. Normal, IL: Center for Mathematics, Science, and Technology, Illinois State University, 1989-1997. (focuses on grades 5-8)
- Cur Lib PALMS
LC 192 J63
- Johnson, Ruth S. Setting Our Sights: Measuring Equity in School Change. Los Angeles, CA: The Achievement Council, 1996.
- Cur Lib PALMS
Q 181 I43
1997 video
- Loepp, Franzie. IMAST: Integrated Mathematics, Science and Technology Project. Normal, IL: Center for Mathematics, Science, & Technology Education/Illinois State University, 1997. (provides an overview of the IMAST project)
- Cur Lib PALMS
QH 362 T435
- National Academy of Sciences. Teaching About Evolution and the Nature of Science. National Academy Press, 1998.
- Cur Lib PALMS
SB 55 G76ig
video
- National Gardening Association. Indoor Gardening: Advice From Growlab Classrooms. National Gardening Association, 1991.
- Cur Lib PALMS
SB 55 G76paq
video
- National Gardening Association. Plant A Question: Using the Growlab Teaching Cycle. National Gardening Association, 1991.
- Cur Lib PALMS
QC 21 .2 P43
- National Science Foundation. Physics InfoMall: A Product of the CD-ROM Project for Physics Teachers. Armonk, NY: The Learning Team, 1995. (CD-Rom and Guidebook **only**; User's Guide **lost**)

- Cur Lib PALMS
GE 70 O82
- Osborn, Nancy A. Using Community Resources. Kendall/Hunt Publishing, 1994.
- Cur Lib PALMS
Q 181 S 45
Guides 2a & 2b/
Video 2
- Rosebery, Ann S. and others. Sense Making in Science: Another Set of Eyes in the Science Classroom. Heinemann, 1996.
- Cur Lib PALMS
Q 181 S 45
Guide 1/Video 1
- Rosebery, Ann S. and others. Sense Making in Science: Valerie: Exploring the Relationship Between Doing Science and Teaching Science. Heinemann, 1996.
- Cur Lib PALMS
Q 181 S 45
Guide 3/Video 3
- Rosebery, Ann S. and others. Sense Making in Science: Why Do Big, Heavy Boats Float? Teacher Inquiry into Student Learning. Heinemann, 1996.
- Cur Lib PALMS
Q 181 S 45
Guide 4
- Rosebery, Ann S. and others. Sense Making in Science: Professional Development Resource Guide. Heinemann, 1996. (accompaniment to Guides 1-3 in the series)
- Cur Lib PALMS
QA 135 .5 I51
v. 7
- Russell, Susan Jo and others. Implementing the Investigations in Number, Data, and Space Curriculum: Grades 1 and 2. Menlo Park, CA: Dale Seymour, 1998.
- Cur Lib PALMS
QA 135 .5 I52
v.9
- Russell, Susan Jo and others. Implementing the Investigations in Number, Data, and Space Curriculum: Grades 1 and 2. Menlo Park, CA: Dale Seymour, 1998.
- Cur Lib PALMS
QA 135 .5 I55
1998 v.10
- Russell, Susan Jo and others. Implementing the Investigations in Number, Data, and Space Curriculum: Grades 3, 4, and 5. Menlo Park, CA: Dale Seymour, 1997.
- Cur Lib PALMS
Q 183 .3 A2
N67
- TERC. Directory: Informal Science Sites in the Northeast and Islands Region. Cambridge, MA: The Regional Alliance, 1998.
- Cur Lib PALMS
GE 70 T68
- Tourtillott, Leeann and Peggy Britt. Evaluating Environmental Education Materials. Kendall/Hunt Publishing, 1994.