

Appendix C

ADDITIONAL RESOURCES

The Fresno Metropolitan Flood Control District wants to support your efforts in teaching about our water resources. District staff is available to meet with your class at your school or at a District ponding basin. We have materials available for teachers to review or borrow at no cost, including some of the books, references, videos, and educational programs listed below. Contact the Environmental Resources Department if you have any questions or requests, and we will help you as best we can.

Clean Storm Water

Environmental Resources Department Fresno
Metropolitan Flood Control District 5469 East Olive Avenue
Fresno, California 93727
Tel: (559) 456-3292 Fax: (559) 456-3194

BOOKS

Ecology for Every Kid

Ideas, projects, and activities for schools, science fairs, and fun.

Janice Van Cleave
John Wiley & Sons, Inc. 605 Third Avenue
New York, New York 10158; 1996.

Eyewitness Books: Pond and River

Reference book with excellent photos and illustrations.

Steven Parker
Alfred A. Knopf
New York, 1987

Pond Life Golden Guide

Excellent field guide.
George K. Ried, Ph.D.
Golden Press
New York, 1987.

BOOKS FOR YOUNGER STUDENTS

The Magic School Bus At the Waterworks, and The Magic School Bus, Wet All Over

Joanna Cole
Scholastic, Inc.
555 Broadway
New York; New York 10012

The Hidden Life of the Pond

Grade school text; high-quality photography. David M. Schwartz
Crown Publishers Inc.
New York; 1988

CURRICULA/EDUCATIONAL ACTIVITIES

"A Teacher's Guide to River Field Trips offered by San Joaquin River Parkway & Conservation Trust" \$10/guide
1550 East Shaw Avenue, Suite
114 Fresno, CA 93710
Tel: (559) 248-8480
Fax: (559) 248-8474

Bottle Biology

An idea book for exploring the world through plastic bottles and other recyclable materials.
Kendall/Hunt Publishing Company
2460 Kerper Boulevard, PO Box 539
Dubuque, Iowa, 52004-0539

"Eco"Masters: Clean Water"

A computer video game which builds support for pollution prevention habits, appropriate for grades 3-6. Windows compatible disc copy available free for borrowing from the Fresno Metropolitan Flood Control District.
Tel: (559) 456-3292

Environment and Pollution

Reproducible worksheets and color transparencies for grades 5-9.
Milliken Publishing; 1986.

"My World, My Water, & Me!"

Teacher's Guide: information and activities to teach children about their role in pollution abatement. The Association of Environmental Authorities
2333 Whitehorse-Mercerville Road, Suite 4
Mercerville, NJ 08619
Tel: (609) 584-1877
Fax: (609) 584-8271

"School Outreach and Education Programs"

Brochure of environmental education resources
City of Sunnyvale
Environmental Education Program-WPCP
P.O. Box 3707
Sunnyvale, CA 94088-3707
Tel: (408) 730-7717

Activities for Changing Earth Systems (ACES)

Earth systems education for middle schools and high schools. Roseanne W. Fortner, Victor J. Mayer, Directors
Ohio State Research Foundation
29 W. Woodruff Ave.
Columbus, OH 43210; 1993.

ADDITIONAL RESOURCES (continued)

CURRICULA/EDUCATIONAL ACTIVITIES

(continued)

"Closing the Loop Sampler"

A K-12 curriculum evaluated/field tested by environmental educators in relation to California education framework. Lesson activities include a broad spectrum of integrated waste management concepts.

"Compendium for Integrated Waste Management"

Compendium is part of a series providing quality environmental education instructional materials. Selection from The No Waste Anthology, pages 17-72. Activities for grades K-12 to learn about water use and our impact on aquatic systems.
California Integrated Waste Management Board
Public Education and Assistance Section
8800 Cal Center Drive
Sacramento, CA 95826
Tel: (916) 255- 2296

Stormwater Pollution: Learn and Share (SPLASH)

Educational material developed for formatting into water quality lesson plans. Grades K-8.
City of Eugene, Oregon
Public Works Stormwater Information
Tel: (541) 465-2739

"The Magical City Forest" A Teacher's Guide to the Urban Forest

An exploration of students' role as healers of the urban ecosystem. March 1994.
TreePeople, Inc. 12601
Mulholland Dr. Beverly
Hills, CA 90210 Tel:
(818) 753-4620

Earth: The Water Planet

National Science Teachers Assn.
1840 Wilson Blvd.
Arlington, VA 22201-3000

Groundwater Studies Module

Earth and science program for grades 7-9; 1993.
Denver Earth Science Project
Colorado School of Mines
Office of Special Programs and Continuing Education
Golden, CO 80401

Water Quality Indicators Guide

High-quality biological illustrations, key to major invertebrates in streams, detailed biological information about effects of pollution on waterbodies. Appropriate for advanced biology students and as a teacher resource.
Terrene Institute
1717 K Street, NW, Suite 801 Washington, DC 20006-1504 Tel: (703) 519-2180

"California Project Wet Gazette" Newsletter

Water facts, education pieces, and workshop information.

"Layperson's Guide to California Rivers & Streams"

"Layperson's Guide to Ground Water"

"Layperson's Guide to Drinking Water"

"Layperson's Guide to Water Recycling & Reuse"

"Layperson's Guide to Water Conservation"

"Layperson's Guide to Water Pollution"

"Layperson's Guide to California Water"

Brochures prepared to explore water issues in an objective, easy-to-understand manner.

"Groundwater Education for Secondary Students"

Lesson plans, demonstrations and laboratory exercises.

"Project Water Science"

General water science and nonpoint source pollution education for grades 7-12.

Water Education Foundation

717 K Street, Suite 517

Sacramento, CA 95814 Tel:

(916) 444-6240

Fax: (916) 448-7699

[e-mail: wateredfdn@aol.com](mailto:wateredfdn@aol.com)

Project Physical Science: The Physical Science of Living in California

Integrated units on water, weather, geology, etc. Richard J. Merrill, Editor
Lawrence Hall of Science
U.C. Berkeley, 1993.

ADDITIONAL RESOURCES

(continued)

CURRICULA/EDUCATIONAL ACTIVITIES

(continued)

"Workshops and Field Excursions"

For teachers and youths on various science and ecological subjects; extension units may be earned for some courses.

Fresno Pacific University, Fresno Pacific School of Professional Studies
1717 S. Chestnut Ave. Fresno,
CA 93702

Tel: (559) 453-2015

Fax: (559) 453-2006

[e-mail: profdev@fresno.edu](mailto:profdev@fresno.edu)

[http //www.fresno.edu/profdev](http://www.fresno.edu/profdev)

Groundwater Model and Lesson Plans

Water Education Foundation

Tel: (916) 444-6240

Available for use from the San Joaquin River Parkway and Conservation Trust.

Tel: (559) 253-7324

Fax: (559) 253-7327

Watershed Presentation

The San Joaquin River Parkway and Conservation Trust will bring watershed models to your classroom and teach an interactive lesson. Designed for grade 5. Small fee charged.

San Joaquin River Parkway and Conservation Trust

Tel: (559) 253-7324

Rouge Education Project

Rouge River National Wet Weather Demonstration Project

Unique opportunity for students and educators to become involved in water quality testing, encourages students to effect change through communities. The program has an interdisciplinary focus centered on the components of research/data collection and problem solving/action taking.

Friends of the Rouge

Tel: (313) 961-4050

"The GLOBE Program"

A hands-on environmental science and education program that joins students, educators, and scientists from around the world in studying the global environment. K-12.

The GLOBE Program 744

Jackson Place,

Washington, DC 20503

Tel: (202) 395-7600

Fax: (202) 395-7611

Water Analysis

Lab exercises for high school.

Contact. the City of Fresno, Water Division, Education Services.

Tel: (559) 498-1515

Fax: (559) 498-4228

[e-mail: dlwl6Qcsufresno.edu](mailto:dlwl6Qcsufresno.edu)

Watershed Model and Lesson Plans

Terrene Institute

Tel: (703) 519-2180

Available for free borrowing from the Fresno Metropolitan Flood Control District.

Tel: (559) 456-3292

POSTERS

"Water Quality... Potential Sources of Pollution"

"How Do We Treat Our Wastewater"

"Wetlands: Water, Wildlife, Plants, and People"

"Hazardous Waste: Cleanup and Prevention"

"Ground Water: The Hidden Resource"

"Water: The Resource That Gets Used & Used & Used for Everything!"

Water quality posters in color with black and white fact sheets and activities printed on the back.

No cost; for grades 3-5 and 6-8

U.S. Geological Survey Branch of

Information Services Box 25286

Denver Federal Center, MS 306

Denver, CO 80225

Tel: (800) 435-7627

ADDITIONAL RESOURCES

(continued)

VIDEOS

"Protect Your Water... It's Just Beneath Your Feet"

Provides an overview of the Fresno area storm water system, and includes sources of storm water pollution (10 min.). Appropriate for upper elementary grades through adults.

Available for free borrowing from the Fresno Metropolitan Flood Control District.
Tel: (559) 456-3292

"Down the Drain"

3-2-1 Contact, Children's Television Workshop Video, 1991 (30 min.)
Explains the water cycle, the importance of clean water, how water gets dirty and then clean again, and what can be done to keep this common resource clean. For grades 2 and up.

Sunburst Communications
101 Castleton Street
Pleasantville, NY 10570
Tel: (800) 321-7511
Available for free borrowing from the Fresno Metropolitan Flood Control District.
Tel: (559) 456-3292

"Journey of the Blob"

A video about a boy making a decision about how to dispose of a green glob he concocted. K-6 (10 min.).

"Pointless Pollution"

This film focuses on the ways nonpoint source pollution has affected the lives of people in four regions of the country. For ages 12 through adult.

Bullfrog Films Oley,
PA 19547
Tel: (800) 543-3764

"The Making of the Fantastic Journey"

MTV-style introduction to storm water pollution that evolves around making the City's public service announcement. Video asks students to "Make the Connection" between individual actions and storm water/ocean pollution (10 min.).

City of Los Angeles, Stormwater Management Division
650 S. Spring St., Suite 700
Los Angeles, CA 90014
Tel: (213) 847-5206

"H2O - 2010"

Video aims to cause students to think about the issues that revolve around water and its use in California. Also includes history of California water and water policy issues. For grades 6 and up. (25 min.)

"To Quench a Thirst: The California Water Crisis"

Former news correspondent, Roger Mudd, narrates this video explaining California's water history and availability. Different perspectives and possible solutions to the State's water problems are presented by several individuals. Grades 4 and up. (60 min./15 min. condensed).

Water Education Foundation
717 K Street, Suite 517
Sacramento, CA 95814
Tel: (916) 444-6240
Fax: (916) 448-7699
[e-mail: wateredfdn@aol.com](mailto:wateredfdn@aol.com)

"Water: Too Little and Too Much"

Explains the cycle of drought and flooding in California and why there is never enough water. Grades 3 and up.

Santa Clara Valley Water District
5750 Almaden Expressway
San Jose, CA 95118
Tel: (408) 927-0710

"Water You Doing?"

Video features Bill Nye and discusses nonpoint source pollution, its effects on the environment, and what people can do to prevent it. Winner of 1992 Seattle Film Festival award (3 ten-minute segments).

Grades 2 and up.
City of Seattle Drainage and Wastewater Utilities
Available for free borrowing from the Fresno Metropolitan Flood Control District.
Tel: (559) 456-3292

"Its Your Water ... It's Our Future"

City of Fresno
Water Division
Tel: (559) 498-1515
[Email: dlwl6@csufresno.edu](mailto:dlwl6@csufresno.edu)