

APPENDIX E

Water Education Curricula from the UWEX-Environmental Resources Center, *Educating Young People About Water* (EYPAW) Database. Included in this list are curricula addressing 60% or greater of source water subtopics within the six key topic areas *

Topic #1: Identification of Drinking Water Sources (9 subtopics**)

Always A River; Supplemental Environmental Education Curriculum on the Ohio River and Water (9***)
Aquatic Wild (8)
Ecological Citizenship (2)
Energy, Economics and the Environment (6)
From Ridges to Rivers: Watershed Explorations Stage Two: Ages 12-15 (6)
Hands On Save Our Streams (6)
Living in Water: An Aquatic Science Curriculum (6)
Local Watershed Problem Studies (middle & high school) (6)
Streets to Streams: Youth Investigation into Water Quality (6)
Surface Water (6)
The Pawcatuck Watershed Education Program: Curriculum Guide (8)
The Pondwater Tour (6)
Water Worlds (6)
Watershed to Bay: A Raindrop Journey (8)

Topic #2: Geohydrology: Dynamics of Drinking Water Sources (3 subtopics)

4-H Wetland Wonders (3)
A Hidden Treasure: Instructional Materials for Groundwater Resource Protection (2)
A Sense of Water (3)
Adopt-A-Stream (3)
Always a River: Supplemental Environmental Education Curriculum on the Ohio River & Water (3)
Caring for Our Lakes: A Curriculum on the Yahara Watershed (2)

Topic #2: Geohydrology: Dynamics of Drinking Water Sources (cont.) (3 subtopics)

Children's Festival Outreach Packet (3)
Clean Water, Streams and Fish: A Holistic View of Watersheds (2)
Decision-Making: The Chesapeake Bay (2)
Earth: The Water Planet (3)
Ecological Citizenship (2)
Energy, Economics and the Environment: Case Studies and Teaching Activities for Elementary School (2)
From Ridges to Rivers: Watershed Explorations (2)
From Ridges to Rivers: Watershed Explorations Stage Two; Ages 12-15 (3)
GREAT – Groundwater Resources and Education Activities (3)
Gee-Wow! Adventures in Water Education (2)
Groundwater Protection Curriculum Guide (3)
Groundwater Study Guide – Department of Natural Resources (2)
Groundwater: A Vital Resource (2)
Hands on Save Our Streams (3)
Investigation H2O (3)
Leap into Lakes: The Teacher's Manual for A Hands-on Exhibit about Lakes and Water Quality (3)
Local Watershed Problem Studies (elementary) (2)
Local Watershed Problem Studies (middle & high school) (3)
North Dakota State University Extension Service-Water Activities Packet (3)
Oregon Children's Groundwater Festival: 1996 Teacher's Guide (2)
Our Great Lakes Connection (2)
Our Groundwater (3)
Paddle to the Sea: Supplemental Curriculum Activities (2)
Project Water Works (2)

* Based on the 122 curricula in the *Educating Young People About Water* database evaluated prior to September 1997. New curricula were not included in this list, but have been included in the examples provided in Appendix G and the annotated list in Appendix I.

** Number of subtopics in key topic area. To be included in this list a curriculum must mention 60% of the total number of subtopics in the identified topic area. For example, for Topic #1 a curriculum must mention six out of the nine subtopics. Subtopics are identified by *Italics* in Appendix D and listed for each selected curricula in Appendix F.

*** Number of subtopics mentioned in curriculum.

Note: The report recommendations and suggested curricula examples in Appendix G include references to curricula available through early 1999. For example, such curriculum units include, but are not limited to: *Aquatic Ecosystems*, *Water Quality*, and *The Streamside Community*.

Topic #2: Geohydrology: Dynamics of Drinking Water Sources (cont.) (3 subtopics)

Stop, Look & Learn About Our Natural World II (2)
Stop, Look & Learn About Our Natural World III (3)
Stream Study and Water Quality Assessment Curriculum (2)
Streets to Streams: Youth Investigation into Water Quality (3)
Surface Water (3)
Teaching Aquifer Protection (2)
The Comprehensive Water Education Book, Grades K-6 (3)
The Groundwater Adventure (2)
The Magnificent Ground Water Connection: A Resource for Grades K-6 (3)
The Pawcatuck Watershed Education Program: Curriculum Guide (3)
The Story of Drinking Water (3)
The Stream Scene: Watersheds, Wildlife, and People (2)
WET – Water Education for Teachers (Kansas) (3)
WET – Water Education for Teachers (Montana) (2)
Water Conservation In-School Curriculum (2)
Water Quality: A Water Education Program (2)
Water Resource Education, Critical Issue: Water You Can Make A Difference (K-3) (2)
Water Resource Education, Critical Issue: Water You Can Make A Difference (4-6) (3)
Water Riches (3)
Water Sourcebook (2)
Water Wise (3)
Water in Your Hands (3)
Water, Water Everywhere, But..Where’s Everywhere? (2)
Water, Water Everywhere (3)
Watershed to Bay: A Raindrop Journey (3)
We Depend on Illinois (formerly Water: The Liquid of Life) (2)
Wetlands and Wildlife (2)
What is Water? A Stream Becomes an Ocean. What is an Ocean? Marine Resources (2)
Wild Louisiana (2)
Wonderful World of Water (2)
Wow! The Wonders of Wetlands (3)

Topic #3: Accessing, Storing, Treating, and Distributing Drinking Water Sources (8 subtopics)

Give Water A Hand (5)
Groundwater Protection Curriculum Guide (6)
Investigation H2O (6)
Oregon Children’s Groundwater Festival: 1996 (5)
Pawcatuck Watershed Education Program (6)
Water Sourcebook (7)
We Depend on Illinois. (Formerly Water: The Liquid of Life) (5)

Topic #4: Contamination, Risk Assessment, and Remediation of Drinking Water Sources (21 subtopics)

Adopt-A-Stream (16)
Decision-Making: The Chesapeake Bay (18)
The Groundwater Adventure (14)
Water Sourcebook (13)
Water, Water Everywhere (15)
Wow! The Wonders of Wetlands (13)

Topic #5: Protection and/or Prevention Activities and Programs of Citizens, Communities, and the Government (13 subtopics)

Adopt-A-Stream (8)
Always a River; Supplemental Environmental Education Curriculum on the Ohio River (9)
Aquatic Wild (10)
Caring for Our Lakes: A Curriculum on the Yahara Watershed (8)
Clean Water, Streams and Fish: A Holistic View of Watersheds (9)
Coastal Issues: A Wave of Concern (8)
Decision-Making: The Chesapeake Bay (12)
Energy, Economics and the Environment: Case Studies and Teaching Activities for Elementary School (10)
GREAT – Groundwater Resources and Education Activities (10)
Gee-Wow! Adventures in Water Education (10)
Groundwater Protection Curriculum Guide (8)
Local Watershed Problem Studies (middle & high school) (9)
Teacher’s Guide to World Resources: Watershed Pollution (9)
WET – Water Education for Teachers (Kansas) (9)
Watershed to Bay: A Raindrop Journey (8)
Wetland: A Major North American Issue (8)

Topic #6: Present and Future Needs for Safe Drinking Water Sources (4 subtopics)

A Sense of Water (3)
Adopt-A-Stream (3)
Always a River: Supplemental Environmental Education Curriculum on the Ohio River & Water (3)
An Activity Guide for Teachers: Everglades National Park (3)
Aquatic Wild (3)
Children’s Festival Outreach Packet (3)
Clean Water, Streams and Fish: A Holistic View of Watersheds (3)
Coastal Issues: A Wave of Concern (4)
Decision-Making: The Chesapeake Bay (4)

Topic #6: Present and Future Needs for Safe Drinking Water Sources (cont.) (4 subtopics)

Energy, Economics and the Environment: Case Studies and Teaching Activities for Elementary School (4)
GREAT – Groundwater Resources and Education Activities (3)
Gee-Wow! Adventures in Water Education (4)
Groundwater Protection Curriculum Guide (3)
Groundwater Study Guide – Department of Natural Resources (4)
Investigation H2O (3)
Local Watershed Problem Studies (elementary) (4)
Local Watershed Problem Studies (middle & high school) (3)
Teacher’s Guide to World Resources: Oceans and Coasts (3)
Teacher’s Guide to World Resources: Watershed Pollution (4)
WET – Water Education for Teachers (Kansas) (4)
WET – Water Education for Teachers (Montana) (3)
Water Watchers (4)
Water in Your Hands (3)
Watershed to Bay: A Raindrop Journey (3)