



**Rockwood Water**  
People's Utility District

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## **CURRICULUM GUIDES AND TOOLS**

The following materials are available to be checked out from our library:

### **ENVIRONMENT**

- Consider the Earth (Grades 4-8) - Book, teaches ecological issues such as global warming, hazardous wastes, overpopulation, and air pollution along with background material on soil, water, wildlife, plants, ecosystems, weather, environmental problems, and oceans.

### **GROUNDWATER**

- Making Discoveries (Grades 4-5) - Book, teaches about the many properties of water, the natural water environment, and what we as citizens can do to protect and conserve our water resources.

### **HYDROLOGIC CYCLE**

- The Adventures of Ethel Mermaid and Tad Pole (Grades 1-6) - VHS Tape, Tad and Ethel go on a fantastic journey as they ride the hydrologic cycle up to the clouds and back again to their underwater home in Ezra Pond.
- The Hydrologic Cycle: Water in Motion (Grades 7-12) - VHS Tape or DVD, with live action video and computer graphics, understand how water moves through the hydrologic cycle.

### **SCIENCE**

- Giant Science Resource Book (Grades 1-6) - Book, ready-to-use visual references for life, environmental, space, earth, and physical science.
- How to do Science Experiments with Children (Grades 2-4) - Book, experiments with liquids, gases, sound, forces, static electricity, and properties & changes.

### **WATER**

- The Adventures of Ethel Mermaid and Tad Pole (Grades 1-6) - VHS Tape, join Ethel and Tad on their adventures as they discover the wonders of water.
- Bubble Festival (Grades K-6) - Book, bubble activities in a learning station format.
- Exploring Water with Young Children (Ages 3-5) - Book, focuses children's explorations to help deepen their understanding of water and its properties.
- Healthy Water Healthy People (Grades 6-12) - Educators Guide Book and Testing Kit Manual, raises awareness and understanding of water quality topics and issues by demonstrating the relationship of water quality for personal, public, and environmental health.
- Project WET Curriculum & Activity Guide (Grades K-12) - Book, to facilitate and promote awareness, appreciation, knowledge, and stewardship of water resources through the development and dissemination of classroom-ready teaching aids.
- The Story of Drinking water (Grades 4-6) - Teacher's Guide and Children's Activity Books, includes background information, class activities, and student activity sheets on different topics related to drinking water.

- Water (Grades 1-3) - Book, about the three forms in which water occurs (solid, liquid, gas), the water cycle, and how we use water.
- Water Magic (Grades K-3) - Book, 23 hands-on activities in areas of water; from oceans to water conservation.
- Water Science Works for Kids Series (Grades 1-3) - Book suggests ways you can build on your students' previous experiences with water to develop new concepts.
- The Water Sourcebook Development and Activities (Book for Grades K-2 and Book for Grades 3-5) - Five chapters: Introduction to Water, Drinking Water and Wastewater Treatment, Groundwater Resources, Surface Water, and Wetlands and Coastal Waters.
- Water Wisdom (Grades 4-8) - Book lessons within each unit build on each other sequentially to provide an increasingly sophisticated understanding of water.
- Water Wide: Lessons in Water Resources (Grades 5-6) - Book, Teachers Guide to increase the awareness and knowledge of young people about the nature of water and suggest ways they can take part in preserving this essential resource.
- The Wonders of Water (Grades 1-3) - Book challenges children to discover the properties of water in a fun and thought-provoking atmosphere.

### **WATER CONSERVATION**

- Conserve Everyday - VHS Tape, full show.
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- Conserve Water (Grades 6-12) - Book, a collection of innovative activities and case studies that are easy to use, interactive, challenging, and fun.
- Water Conservation (Grades 6-8 - Teacher Resource Guide Book, and Student Edition Book) - six modules designed to be used in conjunction with one another or as stand-alone units; energy conservation, food choices, habitat and biodiversity, chemicals, waste reduction, water conservation.
- Water Watchers (Grades K-12) - Book, designed to provide educators with a step-by-step guide to mentoring a successful student-driven audit of water use--and waste--at school and in students' homes.

### **WATER CYCLE**

- Down the Drain (Grades 3-6) - VHS Tape and Teacher's Guide about the Water Cycle from the television show 3.2.1 Contact.
- Our Water Cycle (Grades 4-6) - DVD, all about how the earth recycles its water over and over -- and has ever since the beginning of time.
- Water Cycle (Grades 3-6) - Book, Teacher's Guide with objectives and activities.
- Professor Water & The Amazing Water Cycle (Grades 4-8) - Book and VHS Tape, shows and teaches the wonders of the natural world.
- Science Court - VHS Tape, Teacher's Guide, DVD about the water cycle.

### **WATERSHED**

- Discover a Watershed/Watershed Manager Educators Guide (Grades K-12) - Book, defines a watershed and teaches that every level of soil, plant, animal, and human life depends on the health of the watershed.
- The Indoor River Book (Grades 3-8) - Book, a guide of integrated activities for building and maintaining a model watershed in your classroom.

- Watershed Education Sourcebook - (Children/Adults) Book, detailed guidelines for the development of watershed-wide education programs, focusing on program goals, funding, and school-community partnerships along with interdisciplinary classroom activities.
- Watershed Science for Educators (Grades 7-12) - Book, written for high school and middle school teachers and students who wish to incorporate watershed monitoring into both science and humanities classes or into after-school environmental or science clubs.
- Wow! The Wonders of Wetlands (Grades K-12) - Book, filled with background material for teachers preparing wetland study units; lessons may be used individually or as an entire unit.

### **WEATHER**

- Inside the Weather (Grades 4-6) - DVD, the weather: always changing, always interesting, always in the news. Where does the weather come from? Why does it change?
- Learning About Weather (Grades K-1) - Book, hands-on activities, connect science with real life, step-by-step lessons, ready-to-go resources.
- Weather (Grades 4-6) - Book, hands-on activities, step-by-step lessons, student record sheets that facilitate the process of scientific inquiry.

### **STORY BOOKS FOR KIDS**

- I Am Water
- Keeping Water Clean
- The Magic School Bus at the Waterworks
- The Magic School Bus Wet All Over
- On the River ABC
- The Rain Stick: A Fable
- Spring Waters: Gathering Places
- Wally & Deanna's Groundwater Adventure
- Water
- Water Dance
- We Need Water

### **BOOKS FOR ADULTS**

- Mulch It!
- Plain Talk about Drinking Water
- Water: Portland's Precious Heritage