



## Two curricula options available for teachers:

**SPLASH! K-8**, a water-quality curriculum developed with local teachers, offers units for each grade level.

**Salmon and the Ecosystem, Grades 5-12** complements SPLASH! with emphasis on salmon and its role in our region's ecosystem, economy and culture.

Browse units or use files online at [happyrivers.org](http://happyrivers.org)

**Print copies of both curriculum kits, including handouts and most activity supplies, are available FREE to Eugene teachers and are also online at [happyrivers.org](http://happyrivers.org)**

### SPLASH! K-8 Topics covered

*Kindergarten:* What is water? Why is water important? Where does water come from and how do we use it everyday?

*1st Grade:* Water forms. What animals live in or near water? What happens when water gets polluted?

*2nd Grade:* What is stormwater pollution? What are pollutants? How do pollutants harm people, fish, and animals? Can soil filter pollutants from water?

*3rd Grade:* What happens when precipitation hits the ground? Can plants filter pollutants from water? Can too many pollutants harm plants?

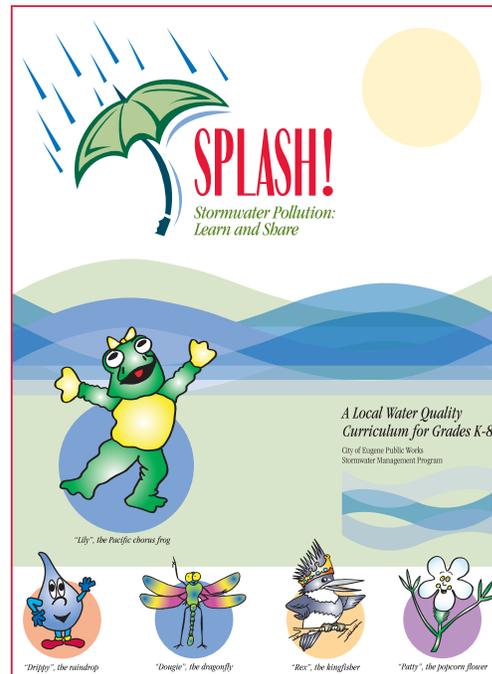
*4th Grade:* What is the water cycle? What are Eugene's three water systems? What is the stormwater system? Learn about personal water use and good water use habits.

*5th Grade:* What is an ecosystem? What are wetlands? Where are wetlands located in Eugene? How does stormwater pollution affect wetlands?

*6th Grade:* Calculate stormwater runoff. What pollutants are carried with stormwater into local waterways?

*7th Grade:* Impervious surfaces at home. What effect does runoff from impervious surfaces have on local water quality?

*8th Grade:* What is a watershed? Why are wetlands important? What is the history of wetlands in the Willamette Valley?



SPLASH! K-8 curriculum kits include color hand outs and supplies for activities to use in your classroom (see reverse for details).

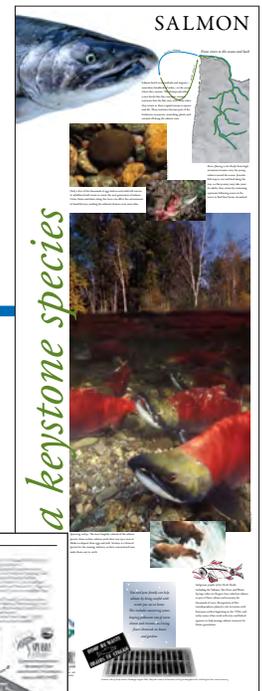
SPLASH! units were developed to complement your grade level's teaching objectives while focusing on local and regional water concerns. Most are only a few pages long, so are easy to add to existing lesson plans.

### Salmon and the Ecosystem

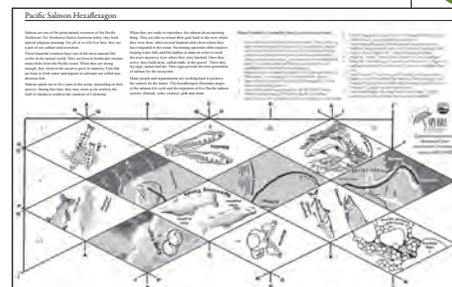
*Curriculum for Grades 5-8:* The significance of keystone species, history of salmon in the region, food chains and webs, types and effects of pollution, discussion of environmental choices and consequences.

*Curriculum for Grades 9-12:* All of the above with additional discussion of abiotic and biotic elements; water sampling, mapping and research activities.

If you are raising salmon in your classroom or enjoy teaching about a local environmental topic, these materials provide activities and information to enrich your students' knowledge.

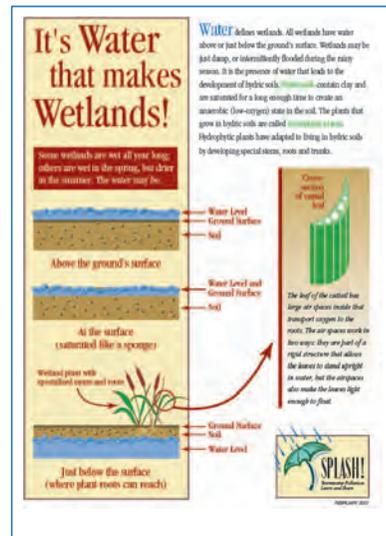
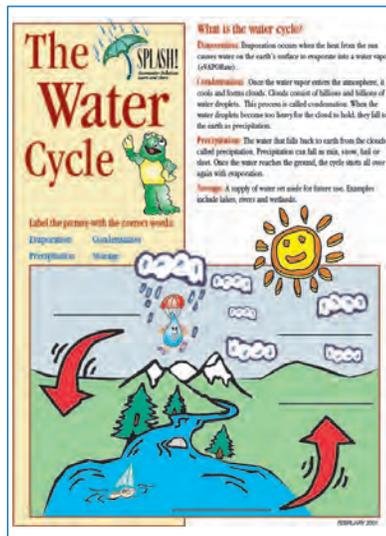


**Stormwater pollution has become one of the most serious threats to water resources worldwide. Teaching young people to be water aware is a first step to helping future water supplies.**

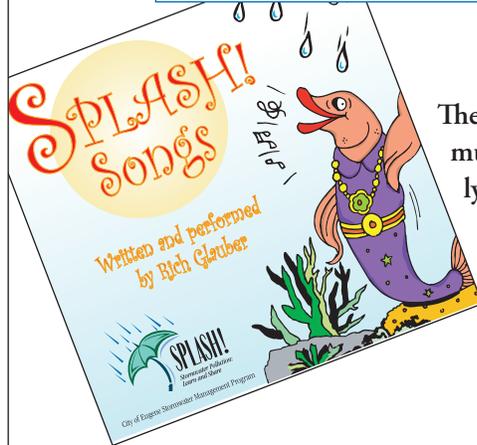


## Colorful Handouts

Pictures and illustrations help children learn more about water and stormwater pollution. Lily, a Pacific chorus frog, and her friends guide students through various aspects of water use, the water cycle, and the environment. **These are also available as pdfs on our web site.**



Posters are **BIG** (13 x 37") and topics include *wildlife, stormwater, watersheds and salmon*. Order from the address at right for your classroom.



The **SPLASH! Songs CD** is a musical tool that includes lyrics so students can read and sing along while learning. For grades K-3.

## Comprehensive Lessons, Experiments and Activities

SPLASH! K-8 has been developed to introduce students to the basic concepts of water and pollution. Subsequent units explore water systems, the water cycle, ecosystems and wetlands, impervious surfaces, and types of pollution.

Students will learn how what happens locally can affect water resources on a larger scale. Each unit includes lessons, handouts, and activities. The activities are designed to develop an awareness of how things we do every day affect stormwater, wetlands, and the watershed in the Eugene area. All of the units are organized and easy to use.

**Kits ordered from City of Eugene include materials and supplies for most activities, as well as print materials for your class size.**

**If you use SPLASH! or Salmon materials in your classroom, please be sure to let your principal know. Our user numbers are important to both our funding sources and our program goals.**

**To order new or replacement curriculum kits, handouts, activity supplies, posters, hexaflexagons or the SPLASH! Songs CD, please call 541-682-8482 or e-mail [jeffrey.j.flowers@ci.eugene.or.us](mailto:jeffrey.j.flowers@ci.eugene.or.us) Be sure to tell us how many students you have, grade level and where you teach.**

**ALL materials are FREE to teachers in Eugene and most are also available online at [www.happyrivers.org](http://www.happyrivers.org)**



**More resources online at [www.happyrivers.org](http://www.happyrivers.org)**

Look for informational videos, classroom materials, activity sheets (great for rainy days), pollution education web sites and more.