



Department of Natural Resources and Parks
Solid Waste Division
 King Street Center, Suite 701
 201 S. Jackson St.
 Seattle, WA 98104-3855

Hands-On • Real Life • Relevant • Fun

King County

Alternative Formats On Request
 206-296-4466 | TTY Relay: 711
 1-800-325-6165 ext. 6-4466



Free workshop plus tour of new
 Brightwater wastewater
 treatment plant.

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Pass on to 4th-12th grade teacher.

**Newly
 Updated!**

Hazards on the Homefront

Hazardous Household Products and Safer Alternatives — October 14, 2011 —



Free Workshops for 4th-12th Grade Teachers

Teach real-life environmental issues
 relevant to teens.

Receive ready-to-use lesson plans that are
 easy to integrate into existing curricula.

Fulfill new science, health, reading, and
 writing GLEs.

Earn clock hours.

Produced by



King County

as part of the **Local Hazardous
 Waste Management Program**
 in King County

How Teachers Are Using Hazards on the Homefront

Science - Household hazardous waste (HHW) ties into biology, chemistry, integrated physical science, earth science, and environmental science. Teachers have incorporated HHW issues into lessons on watersheds, soils, salmon, and general ecology. Lessons have also been adapted for the Foss Environments Kit and Chemistry in the Community.

Health - Activities in the teacher guide help students determine their exposure to hazardous products, identify factors that affect their health, and understand how to reduce their risk by choosing less hazardous products. Students also learn about labels on personal care and other popular products.

Family and Consumer Science - Household hazardous waste issues tie in well to making educated decisions about the products we purchase and use, and their impact on family and pet health.

Technical and Career Education - Many of the most hazardous products we purchase are those used for woodworking, auto maintenance, and other home repairs. Learning about the proper selection, use, storage, and disposal of these products is important for health and safety.

Social Studies - Students can learn about the multiple government agencies involved in regulating the different types of household hazardous products while practicing communication skills such as reading, writing, and understanding labels and advertising.

Writing/Reading - All lessons in the guide include journal writing, reflection, and reading for information. The reading and writing skills practiced in these lessons will aid students as they make consumer choices throughout their lives.

Art - In addition to teaching how to identify safer art materials, many of the lessons incorporate activities such as designing product labels, brochures, posters, and other creative pieces as a means of increasing student understanding of household hazardous products.

ELL - Learning how to read labels and signal words that identify hazardous household products provides practical knowledge for both students and family members. Lessons on label reading, safer alternatives, and disposal have been adapted for English Language Learners and are available with visuals on the King County website.

Hazards on the Homefront

King County Solid Waste Division as part of the
Local Hazardous Waste Management Program

October 14, 2011, 8:00 a.m.–4:00 p.m.

**Brightwater
Environmental
Education and
Community Center,
Woodinville**

Do you know what makes bleach dangerous, or how to properly dispose of pesticide containers? Become skilled at fun, hands-on activities that teach your students about bioaccumulation, proper disposal, and safer alternatives. Students will learn lessons they will be able to use for the rest of their lives.

This free workshop includes

- *Hazards on the Homefront* Teacher Guide.
- green cleaners and green cleaning recipes.
- stipend for certified King County teachers upon completion of workshop objectives.
- information on free follow-up classroom presentations and mini-grants.
- lesson plans and student assignments from previous workshop participants.
- lunch.
- tour of new wastewater treatment plant and education center.

To learn more, visit your.kingcounty.gov/solidwaste/education/hazwaste.asp.

"The lessons are clear and include assessments, worksheets, etc. I plan to integrate many of these lessons into our Ecosystems unit."

– Fourth-grade teacher



During the workshop you will learn

- how to recognize hazardous products.
- the different ways that we are exposed to hazardous products.
- fun, hands-on activities that teach about safer alternatives.
- experiments about how household hazardous products affect water quality, soil, plants, and human health.

All lessons connect with school curriculum units such as Pollution and Solutions, FOSS kits, Biology, Chemistry in the Community, Family and Consumer Science, Career and Technical Education, and much more.



"I've never seen the kids so excited and into science before! They loved this concept and said science was their favorite subject in school."

– Sixth-grade science teacher

Community Service and Action Projects

Teaching students about household hazardous products is an easy springboard to community service projects. Read more about how students have been testing product alternatives, stenciling storm drains, planting native and organic gardens, or teaching community members about green cleaning at your.kingcounty.gov/solidwaste/education/hazwaste.asp.

Teachers who participate in the workshop are eligible to receive grants of up to \$500 to complete projects.

For more information or to register

Phone: 206-583-0655

Email: workshops@triangleassociates.com

Fax: 206-382-0669

Mail: Triangle Associates

811 1st Ave, Suite 255, Seattle, WA 98104

Space is limited to 25 teachers.

Yes, I want to register.

Name _____

Home Address _____

City/State/Zip _____

Phone _____

Email _____

School _____

District _____

Grade Level/Subject _____

Number of students taught per year (estimated) _____

☐ I am interested in clock hours.
(seven clock hours for \$14)

☐ I give my permission to be photographed and to have that photograph included along with my name in future materials.

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