

KITSAP COUNTY RESOURCE LIST

Household Hazardous Waste

This list is a sampling of resources available to help you successfully teach the lessons in the Hazards on the Homefront Teacher's Guide.

We invite you to explore these resources and web links, and tap into a world of experts, printed materials, and studies.

Government Resources

Local and Regional

Classroom Presentations

Solid Waste Division of Public Works

Jo Meints

360.337.4568

jmeints@co.kitsap.wa.us

- Check out a *Hazards on the Homefront* Product Kit.
- Topics include, recycling, litter, hazardous waste, and solid waste management.
- A full listing of presentations is available at www.kitsapgov.com/sw under "Students and Teachers"
www.kitsapgov.com/sw/pdf/SEEK_Sept08.pdf
www.kitsapgov.com/sw/pdf/3676_seek.pdf

Surface and Stormwater Management Division of Public Works

Pat Kirschbaum

360.307.4278

pkirschbaum@co.kitsap.wa.us

- Topics include the water cycle, runoff, watersheds, the impact of impervious (hard) surfaces on our waterways, and human activities that can impact water quality.
- A full listing of presentations is available at www.kisapgov.com/sswm/outreach.htm
Click on "Water Related Classroom Presentations".

Kitsap County Public Utility District - Water Education Program

Debbie Thomas

360.626.7723

www.kpud.org/water/index.html

- Issues of water quality and quantity and solutions to non-point pollution in the local watersheds are highlighted.
- There are community workshops for adults and programs for children including classroom presentations, day camps and the Water Festival.
- Individual presentations or field trips on non-point pollution solutions, water wise gardening, groundwater model, stream insects as indicators of water quality are available.
- Groundwater and watershed models are available to borrow.

Classroom Resources

Olympic Educational Service District 114

Instructional Services and Science Professional Development

Karen Lippy

360.782.5060

klippy@oesd.wednet.edu

www.oesd.wednet.edu/oesd/site/default.asp

- Check out a *Hazards on the Homefront* Product Kit.
- Learn how *Hazards on the Homefront* can help you meet state standards.

Kitsap County Health District

Solid & Hazardous Waste Program

Jan Brower

360.337.5672

browej@health.co.kitsap.wa.us

- The Solid & Hazardous Waste Program governs the handling, treatment, storage, transportation, and disposal of solid and hazardous waste in Kitsap County.
345 6th Street, Suite 300
Bremerton, WA 98337-1866
www.kitsapcountyhealth.com/environmentalhealth/solid_waste/solidwaste_index.htm

Water Protection

John Kiess

360.337.5290

kiessj@health.co.kitsap.wa.us

- The Drinking Water Program works to protect public health, safety and well being by assuring a safe and reliable supply of drinking water.
www.kitsapcountyhealth.com/environmentalhealth/drinking_water/dw_index.htm
- The Water Protection Program is responsible for the monitoring of Kitsap County surface waters and recreational shellfish areas.

www.kitsapcountyhealth.com/environmentalhealth/water_quality/stream_marine.htm

Water Quality - Pollution Identification and Correction

Stuart Whitford

360.337.5674

whitfs@health.co.kitsap.wa.us

- The Pollution Identification and Correction Program identifies and corrects sources of bacterial and nutrient contamination of Kitsap County surface waters. Sources include failing onsite sewage systems, leaky public sewer collection systems and animal waste.

Field Trips and Facility Tours

Kitsap County's Olympic View Transfer Station (OVTS)

This facility receives and processes all solid waste (garbage) from both commercial and private haulers in Kitsap and North Mason Counties. At the OVTS facility, solid waste is compacted into 30-ton bales, loaded into metal shipping containers, and placed onto the railroad for transport and disposal at the Columbia Ridge Sanitary Landfill in Arlington, Oregon.

- **Length of Tour:** 45 minutes
Advance Notice: Two weeks
Tour Hours: By appointment
Contact: Tamara Gordy, 303.337.4485
Field Trip Site: 9300 Barney White Rd, Port Orchard WA 98367
Maximum number: 20-25 students (2-3 groups) with the following supervision ratios: Grades 3-6: 1 adult per 5 children; Grades 7-12: 1 adult per 10 children.
Appropriate age(s): Grades 3-12
Limitations: Wear sturdy, closed toed shoes. Tours will be conducted during business hours. Safety vests and hardhats are required and will be provided to tour participants upon arrival.

Kitsap County Household Hazardous Waste Facility

The facility accepts and safely packages household and small business hazardous waste for proper management.

- **Length of Tour:** 30 minutes
Advance Notice: One week
Tour Hours: By appointment
Contact: Rick Gilbert, rgilbert@co.kitsap.wa.us, 360.337.5692
Field Trip Site: 5551 Imperial Way SW, Port Orchard WA 98367
Maximum number: 20 students with the following supervision ratios:

Grades 3-6: 1 adult per 5 children, Grades 7-9: 1 adult per 10 children, Grades 10-12: 2 adults per class

Appropriate age: Grades 3-12

Limitations: Wear sturdy shoes. As tours are conducted during non-operational hours, no other personal protective equipment is required.

Hansville Recycling & Garbage Facility

- **Length of Tour:** 15-20 minutes
Advance Notice: Three days
Tour Hours: Varies
Contact: Tamara Gordy, 303.337.4485
Field Trip Site: 7791 NE Ecology Road, Hansville, WA 98340
Maximum number: Up to 30
Appropriate age(s): 4th-12th grade
Limitations: Bring item to recycle

Bainbridge Island Recycling & Garbage Facility

- **Length of Tour:** 30-40 minutes
Advance Notice: One week
Tour Hours: Wed-Saturday 10:00 – 4:00
Contact: Dave Stanley, bidisposal@quest.net, 206.842.4882
Field Trip Site: 7215 Don Palmer Avenue NE, Bainbridge Island
Maximum number: 20-25 with supervision needed for younger groups
Appropriate age(s): Any age
Limitations: Regular clothes; will be outside.
Web Site: www.bidisposal.com

Kitsap County Wastewater Treatment Plants

- **Length of Tour:** 1 hour
Advance Notice: One week
Tour Hours: Mon-Friday 9:00 – 1:00
Contact: John Gardner, jgardner@co.kitsap.wa.us or Matt Pickering, 360.337.7197
Field Trip Site: 12350 Brownsville HWY NE, Poulsbo, WA 98370
Maximum number: 30-40 (groups will be divided into groups of 10)
Appropriate age(s): 3rd grade and up
Limitations: Dress for weather, will walk outside; possibility on mud.

West Sound Utility District – Wastewater Treatment Plant (Annapolis/Port Orchard)

- **Length of Tour:** 45–90 minutes
Advance Notice: Two weeks
Tour Hours: Daytime
Contact: John Poppe, 360.895.2440
Field Trip Site: 1165 Beach Dr. E., Port Orchard, WA 98366

Maximum number: Up to 30; one adult chaperone per group of 10 children
Appropriate age(s): 10 years and up
Limitations: Covered toed shoes, flat shoes (no heels)

Suquamish Tribal Salmon Hatchery (Grovers Creek Fish Hatchery)

- **Length of Tour:** Varies
Advance Notice: One week
Tour Hours: Monday through Friday, 8:00 – 4:00 (unavailable for tours June, July and August).
Field Trip Site: 23175 Indianola Rd NE Poulsbo
Contact: Mike Huff, mhuff@suquamish.nsn.gov, 360.394.8440
Maximum number: Up to 30, chaperones recommended
Appropriate age(s): 4 years and up
Limitations: Dress for the weather

City of Bremerton Wastewater Treatment Plant

- **Length of Tour:** 1.5-2 hours
Advance Notice: One week
Tour Hours: Tuesday through Thursday 10:00 – 11:30
Field Trip Site:
Contact: John Bykonon, jbykonon@ci.bremerton.wa.us, 360.473.5450
Maximum number: 30
Appropriate age(s): Any
Limitations: Dress for the weather. Wear walking shoes.

Kitsap EZ Earth

- **Length of Tour:** 30-45 min.
Advance Notice: Two weeks
Tour Hours: Monday through Friday, 9:00 – 3:00
Contact: Holly James, holly@hollyjames.com, 360.620.8493
Field Trip Site: 16952 Clear Creek Rd., Poulsbo
Maximum number: 20
Appropriate age(s): 4 years and up
Limitations: Dress for weather. Wear comfortable clothing.

North Mason Fiber Composting Facility

- **Length of Tour:** 30 min. to 1 hour
Advance Notice: 48 hours
Tour Hours: Monday through Friday, 10:00 – 3:00
Contact: Bob Dressel, 360.275.0228
Field Trip Site: 431 NE Log Yard Road, Belfair, WA 98528
Maximum number: No limit

Appropriate age(s): School age and up
Limitations: Wear appropriate clothing for outdoor weather.

Stillwaters Environmental Education Center

Educational and fun tours of the watershed and beach hikes.

Field trips can be tailored to age group and interest.

<http://stillwatersenvironmentalcenter.org/>

- **Length of Tour:** 1.5 – 3 hours
Advance Notice: One month
Tour Hours: 10:00 - 2:00 by Appointment
Contact: Joleen Palmer, Joleen@stillwatersenvironmentalcenter.org, 360.297.2876
Field Trip Site: 26059 Barber Cut Off Road, Kingston
Maximum number: 10-12 with supervisors (one adult per 3 children)
Appropriate age(s): Pre-school through adults
Limitations: Dress for the weather if going on a field trip; there are wetlands.

State

DEPARTMENT OF ENVIRONMENTAL HEALTH, UNIVERSITY OF WASHINGTON

Project Greenskate

4225 Roosevelt Way NE, Suite 100
Seattle, WA 98105
(206) 616-2643

www.depts.washington.edu/hereuw/greensk8

Project Greenskate is a website curriculum that asks students to investigate potential public health concerns surrounding the development of a fictional city park. Greenskate introduces basic toxicology and environmental science concepts in an interactive format. The curriculum is designed for inclusion in social studies, language arts and science.

WA STATE DEPARTMENT OF ECOLOGY

P.O. Box 47600

Olympia, WA 98504

Headquarters and Southwest Region:

(360) 407-6000

Northwest Region: (425) 649-7000

Central Region: (509) 575-2490

Eastern Region: (509) 329-3400

Environmental Education

www.ecy.wa.gov/services/ee/index.html

Learn about free classroom presentations, upcoming teacher workshops, grant opportunities, and many other resources.

1800Recycle and E-Cycle Washington

1-800-RECYCLE (732-9253)

www.ecy.wa.gov/programs/swfa/eproductrecycle/

Contains the most up-to-date and comprehensive list of recycling services in Washington. Call or search the online database to find disposal and recycling services nearest you.

Toxic FreeTips

Hazardous Waste and Toxics Reduction Program

1-866-939-9991

ToxicFreeTips@ecy.wa.gov

www.ecy.wa.gov/toxicfreetips/

Sponsors the Hazards on the Homefront Teacher's Guide and workshops, including free web and disk versions of the guide. Provides information on specific chemicals and their health effects, and resources for a less toxic home, school, workplace and community. Web is in English and Spanish. Students can call or email questions about toxic substances.

Environmentally Preferred Purchasing

www.ecy.wa.gov/beyondwaste/epp/prod_fact_sheet.html

Fact sheets about specific categories of commercial products such as landscape and grounds management supplies helpful for working with your school janitorial and maintenance staff.

Urban Pesticide Education Strategy Team (UPEST)

www.ecy.wa.gov/programs/swfa/upest/

This is a clearinghouse for the many Integrated Pest Management resources available. Find information on IPM for schools and households. UPEST is a cooperative effort with state, federal and local agencies providing sensible pest management solutions to people who need them.

WA STATE DEPARTMENT OF HEALTH Health Education Resource Exchange (HERE)

P.O. Box 47833

Olympia, WA 98504-7833

(360) 236-3736

HERE@doh.wa.gov

www.doh.wa.gov/here

HERE is a clearinghouse of public health education and health promotion projects, materials and resources in Washington State.

WASHINGTON POISON CENTER

155 NE 100th Street, Suite 400

Seattle, WA 98125

Public education line: (206) 517-2359

Emergency line: 1-800-222-1222

www.wapc.org

Download educational fact sheets and a home checklist for students to identify poisons in their homes.

WASHINGTON GREEN SCHOOLS

2009 Contact: Kelly Kirkland at O'Brien & Company
(206) 621-8626

www.wagreenschools.org/

Voluntary, web-based program your school can use to reduce its environmental and carbon footprint. Resources and tools to involve your school community in action for energy efficiency, recycling and waste reduction, toxics reduction and indoor air quality, transportation and outdoor air quality, and water quality and conservation.

Federal

AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

www.atsdr.cdc.gov

This site includes very detailed information about a wide variety of hazardous substances ("Toxicological Profiles" section). It also gives an up-to-date list of all the hazardous waste sites in Washington ("Hazardous Waste Sites by State").

ENVIRONMENTAL PROTECTION AGENCY

Clearinghouse for Environmental Education and Information

1200 Sixth Avenue

Seattle, WA 98101

(206) 553-1200

1-800-424-4372

www.epa.gov/r10earth/clearinghouse

This site provides curriculum resources, materials, activities, and "student center" on environmental topics, including hazardous waste, water quality and recycling.

Student Center

www.epa.gov/students

Specially designed for middle school and high school students as a research tool, this site has information on a vast range of environmental health topics. Check out the human health link on the left side of the page.

Teaching Center

www.epa.gov/teachers

Here is a wealth of links for teachers. The Curriculum Resources page has great links for environmental health topics, especially the Air, Human Health, Waste and Recycling, and Water sections.

Design for the Environment

www.epa.gov/dfepubs/projects/formulat/label.htm

National consumer product certification program. Includes both environmental and human health factors in the certification. Based on science and peer-reviewed data.

Toxics Release Inventory

www.epa.gov/tri

This is a database that contains information on toxic chemical releases and waste management activities reported annually by certain industries as well as federal facilities. Enter your zip code to receive information about industries in your neighborhood.

FOOD AND DRUG ADMINISTRATION

Center for Food and Applied Nutrition

www.foodsafety.gov/list.html

Find information on cosmetic labeling and labeling claims.

NATIONAL INSTITUTES OF HEALTH

Household Products Database

<http://hpd.nlm.nih.gov/>

At this site you will find a detailed inventory of common household products that may pose a potential health risk to people. Users are able to find out what's in these products, their potential health effects, and other safety and handling information.

National Institute of Environmental Health Sciences

www.ehponline.org/science-ed-new/index.html

Science and interdisciplinary lessons based on selected news and research published in Environmental Health Perspectives journal. Lessons advance critical basic skills through the context of engaging, current topics.

NATIONAL LIBRARY OF MEDICINE

Tox Town

<http://toxtown.nlm.nih.gov/>

Click on images of everyday life at this very cool site and learn about hazards that could be present where you live, work and play. The site is also available in Spanish.

NATIONAL PESTICIDE INFORMATION CENTER

1-800-858-7378

www.npic.orst.edu

National clearinghouse of pesticide information including toxicity, chemical and health data by product.

Other Resources and Interest Groups

Note: These resources are provided for additional information and may or may not reflect the viewpoints of the agencies providing Hazards on the Homefront curriculum.

HEALTHY CHILD HEALTHY WORLD

Info and Actions

<http://healthychild.org/>

Find information here about preventable health and development problems caused by exposures to toxic substances in homes, schools and communities, and about actions the public can take to protect children against toxic threats.

Virtual Home Tour

http://healthychild.org/live-healthy/health_ehome/

Visitors to the Virtual House can click on a familiar everyday item to bring up information about its health risks, remedies and related articles. The site provides links to many other helpful organizations.

GREEN SEAL

www.greenseal.org/findaproduct/index.cfm

Independent certification of products and services using standards.

INTEGRATED ENVIRONMENTAL HEALTH MIDDLE SCHOOL PROJECT

Environmental Health Websites

<http://iehms.com/online/index.php#>

Provides educators in grades six through eight with materials to plan, implement, and assess student driven projects on environmental health issues. Offers materials and resources for teachers, students, and community.

NORTHWEST ASSOCIATION FOR BIOMEDICAL RESEARCH

www.nwabr.org/education/

Provides secondary student lessons and information on teacher workshops that promote the understanding and application of biomedical research. Several of the lessons and teacher workshops focus on personal care products.

SOAP AND DETERGENT ASSOCIATION

www.cleaning101.com/house/fact/

Find fact sheets and information on household cleaners. Soap and Detergent Association is a trade organization and the members produce more than 90 percent of the cleaning products marketed in the U.S.

THE NATIONAL CHILDREN'S STUDY

www.nationalchildrensstudy.gov/Pages/default.aspx

The study examines the effects of environmental influences on the health and development of more than 100,000 children across the United States, following them from before birth until age 21. The goal is to improve children's health and well-being.

TOXIPEDIA

www.toxipedia.org

Toxipedia is a free toxicology encyclopedia and resource center that allows everyone to contribute articles and discussion.

WASHINGTON TOXICS COALITION

www.watoxics.org/publications

Downloadable Home Safe Home fact sheets on cleaning, personal care, lawn and garden, pest control, art and other products. Pesticide Free Zone signs for yards and information about school pesticide application policies.