

Receive

Training

- Training in teaching STEM principles through the lens of hazardous household chemicals
- A tour of the 21 Acres Center for Local Food and Sustainable Living
- PSESD clock hours for a small fee
- An organic lunch of locally grown ingredients

Materials

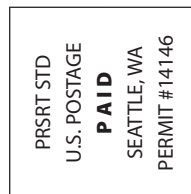
- A *Hazards on the Homefront* teacher guide with ready-to-use lesson plans and materials
- Sample green cleaning products

Support

- A \$50 stipend for completion of workshop objectives
- Grants of up to \$500 for community service, action projects, and school gardens
- Free follow-up classroom presentation

21 Acres

Workshops will be held at the 21 Acres LEED Platinum facility and organic farm. The mission of 21 Acres is to demonstrate and support the advancement of sustainable agriculture and to maximize the benefits of local farm products.



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



Alternative formats on request
206-296-4466 | TTY Relay: 711
1-800-325-6165 ext. 6-4466

**Pass this on to a
4th-12th grade
teacher.**

Hazards on the Homefront

*Effects of household hazardous products
on environmental and personal health*

Free teacher workshops

August 12 – Grades 4-6 teachers

August 13 – Grades 6-12 teachers

August 15 – Optional tour of
hazardous and solid waste
collection facilities

at 21 Acres



Produced by



King County

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

How does Hazards on the Homefront fit into your curriculum?

Hazards on the Homefront integrates STEM and health education throughout each lesson. Teachers may choose to use a single, stand-alone lesson or present a series of lessons from the guide. All lessons feature hands-on problem-solving.

Scientific method – Students practice the scientific method as they explore everyday issues. They develop questions, test assumptions, and arrive at informed conclusions about household hazardous products and safer choices for their health and environment.

Engineering – Students engage with real-world challenges to identify problems and develop solutions through *Hazards on the Homefront* lessons.

Life sciences – By studying bioaccumulation and personal health hazards, students learn how household products can affect the biological systems of an organism.

Environmental stewardship – *Hazards on the Homefront* includes methods for proper disposal of hazardous products and inquiry-based lessons to engage students in seeking safer alternatives.

Health – Lessons provide valuable information on methods of chemical exposure, factors that affect personal health, and safer alternatives to hazardous products.

ELL – Reading product labels provides practical knowledge for students and family members. Materials have been adapted for English language learners and are available with visuals from King County.



Expert speaker

Dave Waddell has worked with the Local Hazardous Waste Management Program in King County since 1991 as an environmental project manager, laboratory and art hazards expert, and frequent trainer. He is the co-author of King County's Laboratory Waste Management Guide and the on-line School Chemicals List database. He frequently speaks at workshops, where he gets to work with fun, smart people, like participants at this workshop.

Space is limited to 25 teachers.

Register to attend

Online registration: www.triangleassociates.com/teacherworkshop

For more information or to register via email or phone, please contact Amanda McConkey.

Phone: 206-583-0655 Email: workshops@triangleassociates.com



Event information

Tuesday, August 12

9:00 a.m. – 3:30 p.m.

for grades 4-6 teachers

Become familiar with hands-on elementary lessons that engage students in designing and conducting science experiments on household hazardous products and their effects on the environment. Specific topics include water quality, bioaccumulation, and safer choices.

Wednesday, August 13

9:00 a.m. – 3:30 p.m.

for grades 6-12 teachers

Get hands-on lessons that challenge students to apply science to everyday choices that affect personal and environmental health. Classroom activities connect with Pollutions and Solutions, Biology, Chemistry in the Community, Family and Consumer Science, Career and Technical Education, and more.

Friday, August 15

9:00 a.m. – noon

Optional tour of the South Seattle HHW collection station and new transfer station

Tour a local household hazardous waste collection site and state-of-the-art transfer station. See first-hand how hazardous and solid wastes are handled once they leave your home.

Teacher testimonials

It was immediately useful! I received so many great ideas that I could implement in my classes the next day. —High school teacher

Thank you for the opportunity to take this workshop. It was easy to incorporate into our water quality/pollution and the environment unit. —Sixth-grade teacher