

Hazards on the Homefront

Teacher workshops

Tuesday, August 12

9 a.m. - 3:30 p.m.

Grades 4-6 teachers

Wednesday, August 13

9 a.m. - 3:30 p.m.

Grades 6-12 teachers

Friday, August 15

9 a.m. - noon

Optional tour of the hazardous waste and transfer stations in South Seattle

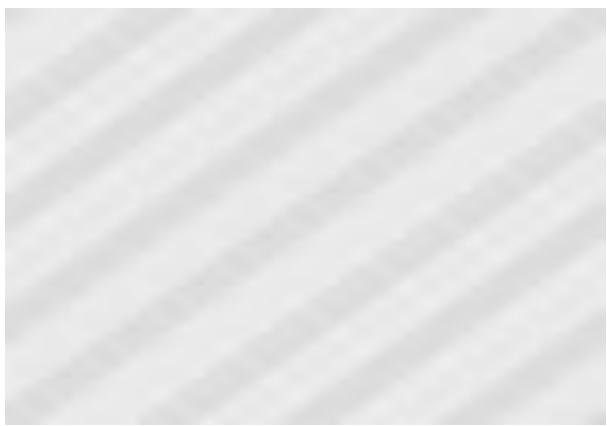
Participants will receive

- Free organic lunch
- PSESd clock hours
- Ready-to-use lessons
- Follow-up classroom presentation
- \$50 stipend
- Grants of up to \$500 for action projects

Workshop location

21 Acres
Center for Local Food and Sustainable Living
–Woodinville, WA

Using Science in the Garden to Manage Slugs and Aphids



Eighth grade students at Einstein Middle School took on a green gardening challenge in response to damaged vegetables in their school garden. Students searched for an organic solution to reduce the presence of slugs and aphids, using the scientific

Students used copper tape and hazelnuts to deter slugs and neem oil and marigolds to deter aphids. method to test safer, natural choices.

The class researched safer choices for pest control as a homework assignment, used a Hazards on the Homefront grant to purchase copper tape, marigolds, neem oil, and hazelnuts as potential deterrents, then tested the efficacy of each.

Through this scientific process, the eighth graders determined that lining the sides of raised beds with copper tape best deterred slugs and that spraying diluted neem oil onto plants best deterred aphids and flies. The students presented their findings to parents and faculty at their spring open house.

This project engaged 350 science students in hands-on learning about household hazardous products and environmental health.

Learn more about how to integrate projects like this into your class at the August 2014 Hazards on the Homefront teacher workshop. [Register](#) online.

For more information, visit the [King County Solid Waste Division website](#).

Questions? Please contact Amanda McConkey at (206) 583-0655.