



Field trip and resource guide

Portland metropolitan area
*2017-2018 guide to recycling facilities
and gardening organizations*

Public service

*We are here to serve the public
with the highest level of
integrity.*

Excellence

*We aspire to achieve exceptional
results*

Teamwork

*We engage others in ways that foster
respect and trust.*

Respect

*We encourage and appreciate
diversity in people and ideas.*

Innovation

*We take pride in coming up with
innovative solutions.*

Sustainability

*We are leaders in demonstrating
resource use and protection.*

Metro's values and purpose

We inspire, engage, teach and invite people to preserve and enhance the quality of life and the environment for current and future generations.

FIELD TRIP GUIDE**Portland metro area**

This guide lists businesses and organizations that are interested in hosting school groups for tours of their facilities. Contact the organizations directly to arrange your tour.

The guide is produced by Metro's school programs through the Resource Conservation and Recycling division, which provides curriculum materials and presentations about waste reduction issues to metro-area K-12 schools.

To update listings in this guide, call Darwin Eustaquio at 503-797-1522 or send an e-mail to darwin.eustaquio@oregonmetro.gov

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Note: In general, recycling facilities are not heated very well and/or are outdoors. It is very advisable to wear warm clothing (including gloves) and sturdy shoes and to have rain gear available. Please provide adequate supervision for children in these industrial sites.

SOUTHEAST PORTLAND

Free Geek

Tour a non-profit organization that recycles used technology and provides free computers, education and access to the internet in exchange for community service.

Mailing address:	1731 SE 10th Ave., Portland, OR 97214
Field trip site:	Same as above
Contact:	volunteer@freegeek.org
Length of tour:	30 to 60 minutes
Maximum number:	15 students (up to 30 by special arrangement)
Appropriate age:	First grade and older
Hours:	10 a.m. to 6 p.m. Tuesday through Saturday
Advance notice:	Two weeks minimum
Limitations:	One adult per seven to 14 students, depending on grade level. Volunteer events require closer supervision: on adult per five students under 16 years old.
Web site:	www.freegeek.org

Habitat for Humanity: ReStore

Making a Difference in Our Community

The Portland Habitat ReStore is open to the public and sells a variety of new and used quality building and home improvement products at a fraction of retail prices. Proceeds from our sales help Habitat for Humanity build homes in our local community while diverting reusable materials from the waste stream. We would love to share our work with you, please bring your group in for a tour!

Mailing address:	10445 SE Cherry Blossom Dr., Portland, OR 97216
Field trip site:	Same as above
Contact:	Colleen O'Toole, Volunteer Project Manager 503-517-0720; volunteer@pdxrestore.org
Length of tour:	25 minutes
Maximum number:	20 students
Appropriate age:	Sixth grade and older
Hours:	9 a.m. to 5 p.m. Monday through Saturday
Advance notice:	Three weeks
Limitations:	Close supervision is required. One adult per five or six students.
Web site:	www.pdxrestore.org

Hippo Hardware

Tour a retail store full of reclaimed, antique and new hardware, lighting and plumbing fixtures and house parts. Three floors of fun! Featured prominently in many major movies.

Mailing address:	1040 E. Burnside, Portland, OR 97214
Field trip site:	Same as above
Contact:	Steve, 503-231-1444; hippohardware@gmail.com
Length of tour:	30 minutes; varies with number of questions
Maximum number:	No limit; large classes can be accommodated in shifts
Appropriate age:	Fourth grade and older
Hours:	11 a.m. to 4 p.m. Monday through Thursday
Advance notice:	One
Limitations:	Close supervision and behavior appropriate for a place of business is required. Bring your sense of humor and come prepared to have fun! (Tour guide open to bribes of chocolate chip cookies!)
Web site:	www.hippohardware.org

Leach Botanical Garden

Leach Botanical Garden is a great place to learn through outdoor experiences. The sixteen-acre historic estate of pharmacist John Leach and botanist Lilla Leach has a plant collection from around the globe. It also includes a section of Johnson Creek, the Leach Manor House, and a compost demonstration site. We offer guided tours and special garden-related topics and activities. School field trips can be coordinated through Leach Garden's Education Coordinator.

Mailing address:	6704 SE 122 nd Ave, Portland, OR 97236
Contact:	Education Coordinator, JoAnn Vrilakas, 503-823-1671, jvrilakas@leachgarden.org
Length of tour:	1.5 hours
Maximum number:	30
Appropriate age:	Preschool to fifth grade
Hours:	Field trips offered Tuesday-Friday, 9 a.m. – 2 p.m.
Advance notice:	4 weeks reservations required, fill out online form
Limitations:	Dress for weather; all field trips take place outside
General information:	503-823-1671; www.leachgarden.org

Zenger Farm

The Education Program at Zenger Farm provides field trips for school groups, community/professional groups and adults. These experiential and science-based programs teach youth and adults the importance of food, farming, wetland conservation and environmental stewardship in healthy urban communities. Participants learn that healthy food comes from healthy soil, which can be anywhere, even in the city.

Mailing address:	11741 SE Foster Rd., Portland, OR 97266
Field trip site:	Same as above
Contact:	Laura Cerny, laura@zengerfarm.org
Length of tour:	1 hour to 4 hours
Maximum number:	60-100 depending on age
Appropriate age:	Appropriate for any age
Hours:	Field trips offered Monday through Friday during the fall, winter and spring. Field trips offered Tuesday through Friday during summer
Advance notice:	One to three months ahead. We encourage scheduling as far in advance as possible.
Limitations:	Participants need to dress for the weather and be prepared to get dirty on the farm. Limited wheelchair accessibility at this time.
Web site:	www.zengerfarm.org/farm-field-trips

NORTH AND NORTHEAST PORTLAND

Columbia Boulevard Wastewater Treatment Plant

Take a guided tour of Oregon's largest wastewater treatment plant.

Mailing address:	5001 N Columbia Blvd, Portland, OR 97203
Field trip site:	Same as above
Contact:	503-823-2400; to request a free tour see https://greshamoregon.gov/Volunteer-and-Educational-Tours
Length of tour:	1.5 hours
Maximum number:	Can accommodate for both individuals and groups of no more than 40 people
Appropriate age:	Suitable for grades 5 and up or ages 10 and older.
Hours:	Tuesdays and Thursdays of the third and fourth weeks of each month. 9:30 a.m. to 11:00 a.m. and noon to 1:30 p.m.
Advance notice:	Two weeks
Limitations:	School groups (grades 5-12) must provide one adult chaperone for every ten students. Walking tours cover uneven surfaces, stairs and tunnels. Please dress appropriately and wear close-toed shoes.

Community Cycling Center

The Community Cycling Center is a non-profit organization founded in 1994 that broadens access to bicycling and its benefits. Our vision is to build a vibrant community where people of all backgrounds use bicycles to stay healthy and connected. Reuse rules at the Community Cycling Center! With the help of our shop staff and volunteers, we attempt to put every donated bike back into use through our programs and retail shop. Even materials that we cannot put into direct transportation reuse are redirected and recycled through a variety of partnerships and programs.

Mailing address:	1805 NE 2nd Ave., Portland, OR 97212
Field trip site:	1700 NE Alberta St., Portland, OR 97211
Contact:	Hanna Davis, Volunteer and Event Manager, 503-288-8864, x 325; volunteer@communitycyclingcenter.org
Length of tour:	20 to 30 minutes
Maximum number:	20 students, one chaperon per 10 students please
Appropriate age:	Any
Hours:	Monday through Friday, 11 a.m. - 5 p.m.
Advance notice:	Three weeks
Limitations:	Scheduled as space and staff are available. Please, wear closed-toe shoes.
Web site:	www.communitycyclingcenter.org

Metro Latex Paint Recycling Facility

Tour the facility to see where and how latex paint is recycled, processed, stored and retailed. The store also sells compost bins year-round.

Mailing address:	4825 N. Basin Ave., Portland, OR 97217
Field trip site:	Same as above
Contact:	Andrew Staab, 503-289-0047; andrew.staab@oregonmetro.gov
Length of tour:	30 to 60 minutes
Maximum number:	20 students (or break 40 students into 2 tours)
Appropriate age:	Children must be at least 10 years old to participate in a tour.
Hours:	8 a.m. to 2:15 p.m. Monday through Friday but best tour times are 10:00 a.m., 12:15 p.m. and 2:15 p.m.
Advance notice:	Three days
Limitations:	Close supervision of children is required due to machinery in use. No sandals; wear sturdy shoes. Clothing may get dirty or get wet paint on it. For that reason, we advise wearing old or unimportant clothing.

Oregon Food Bank

Oregon Food Bank works to eliminate hunger and its root causes . . . because no one should be hungry. OFB collects and distributes food to people in need through a cooperative, statewide network of partner agencies and programs. OFB distributes food to 20 regional food banks which, in turn, distribute food to more than 900 local agencies and programs, such as food pantries, soup kitchens, shelters and more. Students can volunteer by repacking and sorting through food donations in our Volunteer Action Center. During each volunteer shift, groups learn about hunger and hear about other ways they can help OFB fight hunger in our community. K-12 School Group Volunteer shifts are about 2 ½ hours in length.

Mailing address:	PO BOX 55370, Portland, OR 97238
Field trip site:	NE Portland: 7900 NE 33rd Dr. Beaverton: 1870 NW 173rd Dr.
Sign up for shifts:	www.oregonfoodbank.org/volunteer
Contact:	Louise Skyler, 503-972-2993; Prefer email: volunteer@oregonfoodbank.org
Length of tour:	30 minutes; tours are limited to staff availability
Maximum number:	Varies by shift, up to 60; chaperone requirements varies by age
Appropriate age:	Six and older for most shifts
Hours:	Shifts vary depending on the date and time. School groups sign up to volunteer to help repack donated food. Tours are offered after volunteer shifts.
Advance notice:	Advanced registration for school groups required and scheduling begins on our website in late August.

Rebuilding Center

The Rebuilding Center of Our United Villages, a local non-profit, carries the region's largest inventory of re-claimed building and remodeling materials. Their facility and programs are recognized throughout the region and nation as a leader in sustainability through material reuse and community enhancement. Tours include the history of the organization, material reuse, green features of facility, their social enterprise model and demonstrating sustainability in action. Information is included regarding Deconstruction Services, a sustainable alternative to conventional demolition, and Refined Education, learning to build and create from reclaimed materials.

Mailing address:	3625 N. Mississippi Ave., Portland, OR 97227
Field trip site:	Same as above
Contact:	Kelly Stevens, 503-542-5051, info@rebuildingcenter.org
Length of tour:	1 hour
Maximum number:	30 students
Appropriate age:	6 and older

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Store hours: Tours available 10am-6pm Monday through Saturday;
10am-5pm Sunday; weekends by special arrangement

Advance notice: One week

Limitations: There is no heat or air-conditioning provided. Please dress appropriately for the weather outside. Please wear flat, closed-toe shoes and long pants if possible.

Web site: www.rebuildingcenter.org

Columbia Slough Watershed Council

We offer a limited number of scholarship paddles each year, we offer guided canoe trips starting at \$200 for 8 people, and our education program works directly with schools in our watershed for field trips and paddles.

Mailing address: 7040 NE 47th Ave., Portland, OR 97218

Contact: outreach@columbiaslough.org
info@columbiaslough.org

Hours: 9:00 AM - 5:00 PM Monday - Friday (Typically)
We are working in the field at times. Call ahead to make sure you catch us in the office.

NORTHWEST AND SOUTHWEST PORTLAND

Metro Central Household Hazardous Waste Facility

Tour the facility to see where and how hazardous household materials are recycled, processed and stored.

Mailing address: 6161 NW 61st Ave., Portland, OR 97210

Field trip site: Same as above

Contact: Debbie Humphrey, 503-223-5920;
Debbie.Humphrey@oregonmetro.gov

Length of tour: 30 minutes

Maximum number: 30 students

Appropriate age: Third grade and older

Hours: 9 a.m. to 3 p.m. Monday through Saturday

Advance notice: Two weeks

Limitations: Close supervision of children is required due to machinery in use and traffic moving in and out of facility. Please wear closed-toe shoes. Visitors may be asked to wear safety gear such as vests, safety glasses or hard hats

Website: www.oregonmetro.gov

Metro Central Transfer Station

Tour of garbage-transfer loading operation. Watch the arrival of garbage trucks and see the sorting process.

Mailing address:	6161 NW 61st Ave., Portland, OR 97210
Field trip site:	Same as above
Contact:	Recology Oregon Recovery: Bob Brandenburg, Operations Supervisor, 503-226-6161; bbrandenburg@recology.com
Length of tour:	60 minutes (Add 30 minutes if groups also want to tour hazardous waste facility.)
Maximum number:	30 students
Appropriate age:	Third grade and older
Hours:	9 a.m. to 3 p.m. Monday through Saturday
Advance notice:	One week

Sauvie Island Center

The Sauvie Island Center increases food, farm and environmental literacy in the community by providing hands-on educational field trips for elementary school children on the Sauvie Island Organics Farm and on the grounds of the 120-acre Howell Territorial Park, managed by Metro. Through small group activities which support next generation Science Standards, each child gets their hands in the dirt and gets to harvest, plant and taste vegetables while learning about farming and how food grows.

Mailing address:	P.O. Box 10422, Portland, OR 97296
Field trip site:	Howell Territorial Park, 13901 NW Howell Park Rd., Portland, OR 97231
Contact:	503-823-2400; to request a free tour see https://greshamoregon.gov/Volunteer-and-Educational-Tours
Length of tour:	2 to 4 hours
Maximum number:	35 students
Appropriate age:	Pre-school through fifth grade
Hours:	Field trips are offered Monday through Friday in the spring (April-June) and Fall(September-November)
Advance notice:	Must reserve a trip date ahead of time, the schedule often fills, so it's best to reserve a date several months in advance.
Limitations:	Cost is \$150 per class, and limited scholarships may be available. Each class must bring three adults. Field trips are outdoors, so dress for the weather including boots or closed-toe shoes.
Website:	www.sauvieislandcenter.org

SCRAP (School and Community Reuse Action Project)

SCRAP is a creative reuse center and wonderland of inexpensive arts and crafts materials. We divert 140 tons of materials from the landfill each year and make them available to the community in our retail store. We host field trips, camps and educational opportunities for people of all ages in our SCRAP Studio.

Mailing address:	1736 SW Alder St. Portland, OR 97205
Field trip site:	Same as above (studio)
Contact:	503-294-0769 ext. 105; education@scrappdx.org
Length of tour:	Two hours (includes introduction to creative reuse, hands-on activity, creative reuse project, materials for your classroom and educational information)
Maximum number:	30 students (fewer for pre-school)
Appropriate age:	4 through adult
Hours:	Please contact us for scheduling M-F
Advance notice:	Two weeks
Limitations:	The sky is the limit, so bring your imagination! Cost is \$8 per student.
Website:	www.srappdx.org

Oregon Zoo Backyard Habitat Garden

Located next to the Conservation Education Center, the garden is full of wildlife attracting plants and habitat for pollinators. It includes plants native to the region that provide food and pollen, like huckleberries and flowering currants. Others include non-invasive exotics like lavender and coneflowers. All of the plants were selected to require little water, fertilizers and pesticides, and also to provide food and shelter for wildlife. The garden also features a compost and digging area, cool reclaimed metal animal art, and a pollinator house that provides nesting space for native bees. In addition, there is a wooden shade structure that is covered with an eco-roof filled with drought tolerant native plants.

Field trip site:	The Oregon Zoo is located in Washington Park at 4001 SW Canyon Road, Portland, OR 97221. The Backyard Habitat Garden is located on the North side of the Education Center
Contact:	Metro, 503-797-1522
Hours:	The garden is open year-round during Zoo hours, which change seasonally. Check website for updated hours. www.oregonzoo.org
Tours:	Self guided; staff-led conservation themed programming available upon request; no additional charge after Zoo entrance fee: Entrance fee changes seasonally.

GRESHAM, TROUTDALE AND FAIRVIEW

Blue Lake Natural Discovery Garden

The garden is loaded with many plants to see, smell and touch. Many of them are native to the region, like huckleberry and coastal strawberry. Others include non-invasive exotics like chocolate cosmos and pineapple sage. All of the plants were selected to require little, if any, water, fertilizers and pesticides. The garden also features a compost exploration area, a digging area and a worm bin. In addition, two rain gardens capture water from the roof of a log gazebo to prevent pollution in our storm drain system and local rivers. The gazebo provides seating and shade. Large boulders and logs offer fun climbing opportunities for kids.

Field trip site:	Blue Lake Regional Park is located between Marine Drive and Sandy Boulevard off Northeast 223rd Avenue in the city of Fairview. The Natural Discovery Garden is in the park next to the Spray Pad.
Contact:	Metro Parks, 503-797-1850
Hours:	The garden is open year-round, but is most interesting May through October. Park is open from 8 a.m. to legal sunset.
Tours:	Self-guided; no additional charge after park entrance fee: \$5 per car, \$7 per bus or free with your annual pass

Columbia Slough Regional Stormwater Treatment Facility

As rain hits buildings, parking lots, streets, and lawns, it collects pesticides, fertilizers, gasoline, oil and heavy metals and ultimately dumps this chemical soup into our streams. There's no treatment to remove these pollutants – but that's what this site does. Interpretive panels provide a 45-minute self-guided tour, telling how this restored parcel of land not only cleans our water, but provides food and homes for native wildlife. School groups can check out a backpack of educational materials (available at the wastewater treatment plant) that provide activities such as a scavenger hunt as well as binoculars and magnifying glasses. The materials target students in fourth through sixth grade but some have been adapted for high school students. To see examples of the materials, please visit our web site.

Field trip site:	19487 N.E. Sandy Blvd., Portland, OR 97230
Contact:	Gresham Wastewater Treatment Plant, 503-618-3450, weekdays 8 a.m. to 5 p.m.
Length of tour:	60 minutes
Maximum number:	N/A
Appropriate age:	All ages. Educational materials target fourth - sixth grade.
Hours:	8 a.m. to 2 p.m., Monday through Friday (to reserve gate key and backpacks)

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Advance notice: Two weeks
 Access: Site is open to the public during daylight hours (walk-in only). For drive-in parking access, reserve at Waste Water Treatment Plant.
 Limitations: A large portion of the trail is suitable for wheelchairs.
 Website: <https://greshamoregon.gov/Volunteer-and-Educational-Tours/>

Salish Ponds Wetland Park

This city park offers a wide range of recreational opportunities: Fish around the west pond, walk along the nature trail that winds through the park and along the ponds, and view diverse habitats of wildlife and vegetation. There is easy access to the trails from the Reynolds School property, Community Park, or the Target parking lot.

Field trip site: 20619 NE Glisan Street , Fairview, OR 97024
 Hours: Dawn to dusk
 Contact: (503) 674-6206
 Website: <http://fairvieworegon.gov/Facilities/Facility/Details/Salish-Ponds-Wetland-Park-9>

Gresham Wastewater Treatment Plant

Ever wonder where the water goes after you do the dishes or flush the toilet? And what happens to all the “stuff” in the water? Find out when you tour Gresham’s Wastewater Treatment Plant (WWTP), where you will see how the wastewater is treated before it is released into the Columbia River. You will also learn how this WWTP is using biogas cogeneration and solar power to produce 100% of its electrical energy needs on site. Guided tours are provided along with interpretive panels that also guide visitors through the treatment process. Educational tour booklets are available for children, primarily for students in grades two through five. To see examples of the materials and interpretive panels, please visit our web site. We also offer a self-guided tour at the Columbia Slough Regional Storm water Treatment Facility and encourage you to consider combining both site tours into one field trip.

Mailing address: 20015 NE Sandy Blvd., Gresham, OR 97230
 Field trip site: Same as above
 Contact: John Shawcroft, Project Manager, 503-618-3451 or 503-618-3450
 Length of tour: 45-60 minutes
 Maximum number: 30 students
 Appropriate age: All ages
 Hours: 8 a.m. to 2 p.m. Monday through Friday
 Advance notice: Two weeks
 Limitations: One adult for each five to ten children closed-toe shoes.
 Website: www.greshamoregon.gov/Volunteer-and-Educational-Tours/

Park Cleone Park and Community Garden

Park Cleone is a community park located in Old Town Fairview at the end of 213th and 214th streets. This park hosts some unique features including a raised boardwalk leading to a pavilion overlooking a small, spring- and stormwater-fed creek and is the location of the [Community Garden](#).

Hours: Dawn to dusk
Contact info: (503) 674-6206
2063 NE 213th Ave. , Fairview, OR 97024
Website: <http://fairvieworegon.gov/Facilities/Facility/Details/Park-Cleone-5>

MILWAUKIE, OREGON CITY, WEST LINN AND LAKE OSWEGO

Children’s Garden at Luscher Farm

Take a trip to Lake Oswego’s Historic Luscher Farm and learn about farm ecology. We offer tours for pre-school through high school students as well as adults. Tours are offered from mid-September through November 1st and from mid-April through June 1st. The tour incorporates hands-on activities and sensory explorations in the areas of organic gardening, vermiculture, chicken anatomy, plant parts and pollinators. The cost is \$4.50 per preschooler, \$6 per elementary student, and \$10 per adult during farm tours. Chaperones are free and are required at the ratio of one adult per five students. Come enjoy the beauty of Luscher Farm!

Mailing address: PO Box 369, Lake Oswego, OR 97034
Field trip site: Historic Luscher Farm, 125 Rosemont Rd., West Linn, OR 97068
Contact: Dawn Grunwald, dgrunwald@ci.oswego.or.us
503-534-5284
Length of tour: 1.5 hours for elementary, 45 minutes for preschool
Maximum number: 50 K-12 students; 25 pre-school students; 25 adults
Appropriate age: 3 and older
Hours: 9:30 a.m. to 11 a.m. or 1:30 p.m. to 3 p.m.
Thursdays and Fridays preferred
Advance notice: One month or more
Limitations: Field trips take place rain or shine! Bring raincoats and wear boots or sturdy shoes.
Website: <http://www.ci.oswego.or.us/luscher>

John Inskeep Environmental Learning Center

Newell Creek bubbles to life here at the Environmental Learning Center, providing critical wetland habitat for wildlife and water quality improvement. Conveniently located on the Clackamas Community College campus, it is a great place for children, families and adults to explore the outdoors and learn more about watersheds through hands-on environmental education. We are currently undergoing a major restoration, but will reopen in early 2018 to once again begin offering programs for school and community groups. A full list of program options, including costs, will be available on our website by 2018.

Mailing address:	19600 S. Molalla Ave., Oregon City, OR 97045
Field trip site:	Same as above
Contact:	Renee Harber, 503-594-3015; rharber@clackamas.edu
Length of tour:	Varies depending on program
Maximum number:	30 students per class
Appropriate age:	Pre-school through 12 th grade
Hours:	Call for availability
Advance notice:	One week minimum
Limitations:	Chaperones are required for elementary aged groups - please provide one adult for every five children. FREE self-guided tours are available daily between dawn and dusk.
Website:	http://www.clackamas.edu/Environmental Learning Center.aspx/

McFarlane's Bark, Inc.

A tour in three parts: Recycling of yard debris and wood products, the composting process and compost products.

Mailing address:	13345 SE Johnson Rd., Milwaukie, OR 97222
Field trip site:	Same as above
Contact:	Kathleen McFarlane White, 503-659-4240
Length of tour:	30 to 60 minutes, depending on number of people on tour
Maximum number:	Depends on how many fit in vehicle, including Kathleen; school bus is okay
Appropriate age:	3 rd grade and older
Hours:	8 a.m. to 5 p.m. seven days a week
Advance notice:	Two weeks
Limitations:	Students will remain in automobile or bus for the entire tour and Kathleen will join students in vehicle. Only one vehicle per tour.
Website:	www.mcfarlanesbark.com

Metro South Household Hazardous Waste Facility

Tour the facility to see where and how hazardous household materials are recycled, processed and stored.

Mailing address:	2001 Washington St., Oregon City. OR 97045
Field trip site:	Same as above
Contact:	Denise Hays, 503-655-0330 or 503-655-0480; denise.hays@oregonmetro.gov
Length of tour:	Approximately 20 minutes
Maximum number:	20 students (or break 40 students into two tours)
Appropriate age:	Third grade and older
Hours:	9 a.m. to 4 p.m. Monday through Friday
Advance notice:	Two weeks
Limitations:	Close supervision of children is required due to machinery in use and traffic moving in and out of facility. No sandals; wear sturdy shoes.
Website:	www.oregonmetro.gov

Metro South Transfer Station

Tour the garbage-transfer loading operation. Watch the arrival of garbage trucks, processing and reloading of waste destined for the landfill and see the materials recovery and sorting process. Learn about proper disposal of household hazardous waste.

Mailing address:	2001 Washington St., Oregon City. OR 97045
Field trip site:	Same as above
Contact:	Amy Roberts, 503-722-4656 ext. 233; email: aroberts@republicservices.com
Length of tour:	20 to 30 minutes
Maximum number:	30 students
Appropriate age:	First grade and older
Hours:	8 a.m. to 5 p.m. Monday through Friday (weekends by special arrangement)
Advance notice:	Two weeks
Limitations:	Close supervision is required. Shoes (no sandals) and long pants required; dress for weather.
Website:	www.oregonmetro.gov

CORNELIUS, NORTH PLAINS AND HILLSBORO

Rice Northwest Museum of Rocks and Minerals

The Rice Museum is the premier collection of rocks and minerals in the Pacific Northwest and a top destination for earth science education for individuals of all ages. Our field trips adhere to Next Generation Science Standards. Students will learn what makes up minerals, rocks, and fossils, and about natural energy resources, Earth processes, and water in the Earth. The museum collection is home to thousands of natural mineral specimens from around the world and a collection of lapidary arts. The Rice Museum is an affiliate of the Smithsonian Institution and is located in the historic ranch-style home of Richard & Helen Rice. Completed in 1953, the house is set on 23 acres in Hillsboro.

Mailing address:	26385 NW Groveland Drive, Hillsboro, OR 97124
Field trip site:	Same as above
Contact:	Frank McCaw or Janice Crane, 503-647-2418; staff@ricenorthwestmuseum.org
Length of tour:	2 to 3 hours (3 hours includes lunch break)
Maximum number:	120 people
Appropriate age:	Great for all ages!
Tour Hours:	8:30 a.m. to 5 p.m. Monday & Tuesday, 8:30 a.m. to 1 p.m. Wednesday-Friday
Public Hours:	1 p.m. to 5 p.m. Wednesday- Friday, 10 a.m. to 5 p.m. Saturday & Sunday
Advance notice:	Group tours are by appointment only. Space is limited and scheduling 2-3 months in advance is highly recommended.
Limitations:	Hosted groups of up to 35 people qualify for our flat rate tour of \$150. Groups of 36-120 are \$5 for adults and \$4 for students, with one teacher per class free. Groups larger than 120 must book multiple dates. Non-hosted groups of 15 or more qualify for a \$2 reduction from regular admission. These rates are available both during tour and public hours.
Website:	www.ricenorthwestmuseum.org

Waste Management Tualatin Valley Waste Recovery

Tour includes close-up viewing of the Tualatin Valley Waste Recovery process

Mailing address:	3205 SE Minter Bridge Rd. Hillsboro, OR 97123
Field trip site:	Same as above
Contact:	Tualatin Valley Waste Recovery, 503-640-9427
Length of tour:	60 minutes
Maximum number:	School bus capacity, one at a time
Appropriate age:	Middle school and older
Hours:	8:00 a.m. to 4:00 p.m. Monday-Friday
Advance notice:	Two weeks
Limitations:	Closed-toe shoes are required

OUTSIDE THE PORTLAND METRO AREA

Covanta Waste to Energy Facility

This is the facility where the majority of the garbage from Marion County is burned and turned into electricity. Students will see how the garbage is managed and burned, learn how electricity is generated and see the complex array of safety measures and machinery that are needed to operate the facility.

Mailing address:	PO Box 9126, Brooks, OR 97305
Field trip site:	4850 Brooklake Road NE, Brooks, OR 97305
Contact:	Jenna Bosco, 503-393-0890, ext. 0 or 210; jbosco@covanta.com
Length of tour:	One hour
Maximum number:	40 students
Appropriate age:	Second grade and older
Hours:	8 a.m. to 3 p.m. Monday through Friday
Advance notice:	Two weeks or more
Limitations:	Tours are given rain or shine; dress for the weather. A list of names of all attending the tour must be faxed or emailed prior to coming.

Garten Services, Inc.

Tour the Salem Recycling Division of this not-for-profit qualified rehabilitation facility established in 1970, that provides jobs for people with developmental disabilities and long-term mental illness. Tour includes a walk-through of the plant, explanation of the recycling process, viewing of the volume of curb-side recycling received at this site, as well as sorters, conveyors and truck scales. Tour also includes Garten's new Electronics Recycling Program, which successfully refurbishes/resells or demanufactures/recycles 99% of all electronics that come through the program. Other presentations and special tour accommodations available upon advance request.

Mailing address:	PO Box 13970, Salem, OR 97309
Field trip site:	3334 Industrial Way NE, Salem, OR 97301
Contact:	Gaelen McAllister, 503-581-1984, ext. 3117; gmcallister@garten.org
Length of tour:	Approximately 60 minutes
Maximum number:	30 students; Large groups may be accommodated as needed with enough notice.
Appropriate age:	Kindergarten and older
Hours:	Please call for availability
Advance notice:	One month
Limitations:	Wear sturdy, closed-toe shoes (and a warm jacket on cold days).
Website:	www.garten.org

OTHER RESOURCES

City of Portland Bureau of Environmental Services, Clean Rivers Education Program

Environmental Services offers free classroom and field study science education programs for kindergarten through college students within the city of Portland. Students learn about watershed health, urban ecology, the causes and effects of water pollution and what they can do to protect rivers and streams.

Clean Rivers Education programs address local water quality, sustainable stormwater, wastewater and habitat issues. The program offers hands-on classroom lessons designed to complement teachers' curricula. Classroom programs often serve as a prelude or follow-up to a field trip. During field experiences, students spend time outdoors observing, interpreting, exploring and connecting to local natural areas. Students apply the skills they learn through watershed investigations and stewardship/community action projects. Clean Rivers educators work with teachers to develop a unit of study to best meet learning objectives. We offer natural area restoration/education projects (fourth grade and above), community service projects, teacher workshops and curriculum resources for check-out. Limited transportation funding may be available upon request. Please call ahead for scheduling.

For schools in north, northeast and northwest Portland contact: Megan Hanson, 503-823-8225; megan.hanson@portlandoregon.gov

For schools in southeast and southwest Portland contact: Christa Shier, 503-823-8859; christa.shier@portlandoregon.gov

Tours of the Columbia Boulevard Waste Water Treatment Plant are available for students (5th grade and older) and adult groups. An online request form is available at: <https://www.portlandoregon.gov/bes/tours>

Portland's Sustainable Stormwater Program also publishes self-guided tours to various stormwater management facilities located throughout the city. The facilities manage and treat stormwater in ways that minimize the effect of the development on the environment. The following website features walking, biking and virtual tours and demonstration projects in the city:
www.portlandonline.com/bes/sustainablestormwater.

City of Gresham

The City of Gresham's Schools Recycling Coordinator provides educational materials, classroom presentations, awards and incentives, technical assistance and opportunities to participate in special activities to Gresham schools. School groups may request a tour that highlights the many sustainability features of Gresham City Hall. City staff also serves as the local Oregon Green Schools coordinator for these schools.

Contact: Waste Reduction Outreach Specialist: Megan Borato, 503-618-2134;
meghan.borato@greshamoregon.gov

Clackamas County Recycling Partnership (Clackamas County Office of Sustainability)

Clackamas County Recycling Partnership (CCRP) coordinates waste reduction education and assistance services to all Clackamas County schools. Resources include free classroom presentations on recycling, composting/vermicomposting, waste prevention and sustainability; assistance with school waste reduction and composting programs; coordination of the Oregon Green Schools program in Clackamas County; providing educational materials, recycling containers and signage; grant assistance; teacher and custodian workshops; newsletters and other special activities. We work cooperatively with Metro to maximize waste reduction outreach and opportunities in Clackamas County.

Contact: Laurel Bates, Waste Reduction Education Coordinator, 503-742-4454;
lbates@clackamas.us, Clackamas County Office of Sustainability, 150 Beaver Creek Rd., Oregon City, OR 97045

Clean Water Services

Free programs are offered to schools and community groups within the service district (primarily Washington County). These programs include Tualatin River Rangers (in-class program for third - fifth graders), Sewer Science (classroom lab for high school students), green infrastructure projects (design and construction of swales, rain gardens), storm-drain marking project materials, wastewater treatment plant tours and more. To request a presentation, tour or tools, please contact: Clean Water Services, Public Affairs, 503-681-3600.

Columbia Springs

Columbia Springs, located in Vancouver, Washington on over 100 acres of natural area, provides environmental education for all ages promoting environmental literacy and sustainability. Program offerings include workshops, compost demonstration sites, educational trunks, on-site student learning and summer camps. Last year, nearly 6,000 students learned about forest and stream ecosystems at Columbia Springs through a variety of field trips. This year our program offerings include: Grades K - second: Fin-tastic Fish and Wild World of Bugs; Grades two - six: Soil Investigators; Grades four - six: Eco-Explorers or Stream Sleuths; K - six: Guided Nature Hikes. For more information please visit our website at www.columbiasprings.org

Contact Information For:

- Salmon in the Classroom, 360-882-0936, ext. 228
- Volunteering 360-882-0936, ext. 224
- Events, 360-882-0936, ext. 230
- On-site Enviro Ed Programs and Summer Camps, 360-882-0936 x226

Earth Angel

Worm composting is fun, simple, and educational with composting worms and information from Earth Angel Worm & Garden. We are your source for happy, healthy red worms and vermicomposting information. We specialize in expert and friendly advice, consultation, and educational support by phone or by arrangement. Call 503-234-WORM (9676) or email us at earthangel@buyworms.com

Growing Gardens

Growing Gardens mission: Growing Gardens uses the experience of growing food in schools, backyards and correctional facilities to cultivate healthy, equitable communities.

Home Gardens Mission: Partner with diverse, multi-generational families and communities to build and sustain food-producing home gardens which strengthen the health of people, communities and the environment.

Youth Grow Mission: Collaborate with diverse communities to develop sustainable garden education programs which provide interdisciplinary, experiential learning opportunities for children to connect with nature and experience the wonders and joy of growing, harvesting and eating fresh-grown food.

Lettuce Grow Mission: To provide educational and gardening experiences to people who are incarcerated in the state of Oregon. Youth and adults, who are incarcerated, are the least served population in our society. By bring gardening and gardening educations to them we create positive experiences which can aid an inmate's successful reentry into society.

- Anna Garwood, Youth Grow Program Director, anna@growing-gardens.org
- Emily Keeler, Home Gardens Program Director, emily@growing-gardens.org
- Rima Green, Lettuce Grow Program Director, rima@growing-gardens.org
- Jason Skipton, Executive Director, jason@growing-gardens.org

Oregon Department of Environmental Quality (DEQ)

Waste prevention and recycling resources are available free to Oregon teachers. These include Rethinking Recycling (an education curriculum), Green Schools Tool Kit (guide for resource efficient schools), Saving Little Pieces of Our Earth DVD and the Wheel of Waste Reduction (an educational display and game). Contact: Solid

waste program staff, 503-229-6724, or visit DEQ's web site at www.deq.state.or.us/lq/education/

Portland Community Gardens

The City of Portland's Portland Community Gardens program offers plot fee waivers

for schools that would like to have a community garden plot for use in their in-school or after-school programs. For more information visit:

www.portlandonline.com/parks/communitygardens or call 503-823-1612.

Portland Public Schools

Portland Public Schools offers assistance with school recycling and resource conservation programs for the Portland Public Schools District.

Contact: Nancy Bond, 503-916-6383; nbond@pps.net

Metro Waste Reduction Education

Metro offers free classroom presentations and curriculum resources for K-12 schools in the Portland metropolitan region.

Website: www.oregonmetro.gov/schoolrecycling

Elementary school resources include:

- Puppet shows on composting, natural gardening and recycling.
- Classroom presentations on waste prevention and recycling, composting and toxics reduction.
- Educational theatre assemblies on resource conservation and conscious consumption.

To learn more about our puppet shows, classroom presentations, and educational theatre assemblies for grades K-5, call Darwin Eustaquio at 503-797-1522, or send an e-mail to: darwin.eustaquio@oregonmetro.gov

Secondary school resources include:

- Middle school classroom presentations on climate change, conserving natural resources, and recycling.
- High school classroom presentations on climate change and conserving natural resources.

To schedule presentations or learn about additional resources, call Kimberly Taylor at 503-797-1671, or send an e-mail to: kimberly.taylor@oregonmetro.gov

"Saving Little Pieces of our Earth" video:

Ever wonder how recycling works? View a video that follows paper, aluminum, steel, plastic and glass through the recycling process - from your recycling bin to a materials recovery facility and then into new products. *Available in English and Spanish at the bottom of the above webpage.*

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