



Portland Metropolitan Area

# Field Trip and Resource Guide

2011-12 Guide to  
Recycling Facilities and  
Gardening Organizations



Metro

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## Field Trip Guide

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

The guide is produced by Metro's Waste Reduction Education Program, which provides curriculum materials and presentations about waste reduction issues to metro-area schools and youth programs.

To update listings in this guide, call Freda Sherburne at (503) 797-1522 or send e-mail to [freda.sherburne@oregonmetro.gov](mailto:freda.sherburne@oregonmetro.gov).



Clean air and clean water do not stop at city limits or county lines. Neither does the need for jobs, a thriving economy, and sustainable transportation and living choices for people and businesses in the region. Voters have asked Metro to help with the challenges and opportunities that affect the 25 cities and three counties in the Portland metropolitan area.

A regional approach simply makes sense when it comes to providing services, operating venues and making decisions about how the region grows. Metro works with communities to support a resilient economy, keep nature close by and respond to a changing climate. Together we're making a great place, now and for generations to come.

Stay in touch with news, stories and things to do.

[www.oregonmetro.gov/connect](http://www.oregonmetro.gov/connect)

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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*

### **Endurawood**

Tour the showroom and warehouse of an environmentally responsible wood products manufacturing facility. Includes discussion of certified sustainable lumber, salvaged and recycled lumber and composite panels used in making products like furniture and countertops.

Mailing address: 1303 SE Sixth Ave., Portland, OR 97214  
Field trip site: Same as above  
Contact: Heidi Olson, (503) 233-7090  
Length of tour: 30 to 45 minutes  
Maximum number: 30 students  
Appropriate age: Seventh grade and older  
Hours: Call for availability.  
Advance notice: Two weeks  
Web site: [www.endurawood.com](http://www.endurawood.com)

### **Free Geek**

Tour a nonprofit organization that recycles used technology and provides computers, education and access to the internet in exchange for a few hours of community service.

Mailing address: 1731 SE 10th Ave., Portland, OR 97214  
Field trip site: Same as above  
Contact: Sarah Oberg, (503) 232-9350; [volunteer@freegeek.org](mailto:volunteer@freegeek.org)  
Length of tour: 30 to 60 minutes  
Maximum number: 20 students  
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 four children is required.  
Web site: [www.freegeek.org](http://www.freegeek.org)

### **Green Depot**

Tour a unique retail store selling recycled, low-toxic and natural materials. See applications within the store demonstrating how recycled materials can be used.

Mailing address: 819 SE Taylor St., Portland, OR 97214  
Field trip site: Same as above  
Contact: Patrick Rutledge, (503) 222-3881 ext 223; [prutledge@greendepot.com](mailto:prutledge@greendepot.com)  
Length of tour: 45 to 60 minutes  
Maximum number: 30 students  
Appropriate age: Sixth grade and older  
Hours: 9 a.m. to 4:30 p.m. Monday through Friday (Special arrangements can be made for afterhours gatherings and tours.)  
Advance notice: Two weeks  
Limitations: Close supervision is required.  
Web site: [www.ecohaus.com](http://www.ecohaus.com) or [www.greendepot.com](http://www.greendepot.com)

**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 materials from the waste stream. We would love to share our work with you, please bring your group in for a tour!

Mailing address: 66 SE Morrison, Portland, OR 97214  
Field trip site: Same as above  
Contact: Malia Tam Sing (volunteer coordinator), (503) 283-6247 ext. 3;  
malia@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. Tuesday 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: One of the Steves, (503) 231-1444; hippohardware@gmail.com  
Length of tour: 30 minutes; varies with the 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 week  
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.com

**Leach  
Botanical  
Garden**

Leach Botanical Garden is the historical estate of pharmacist John Leach and botanist Lilla Leach. The sixteen-acre garden includes a wide variety of native and exotic plants, as well as honeybee hives, a section of Johnson Creek and a compost demonstration site. The garden is open six days a week to the public, and school tours can be coordinated through Portland Parks and Recreation Environmental Education.

Field trip site: 6704 SE 122nd Avenue, Portland, OR 97290  
Hours: 9 a.m. to 4 p.m. Tuesday through Saturday and 1 p.m. to 4 p.m. Sunday  
General information: (503) 823-9503; www.leachgarden.org  
For school tours, contact: Sue Thomas, Portland Parks and Recreation Environmental Education,  
(503) 823-3601

**Metro Natural  
Techniques  
Demonstration  
Garden**

See natural gardening techniques at work in Metro's chemical-free demonstration garden. Visit to gather ideas for making your yard a place of natural beauty. The garden replicates a typical Portland residential lot (116 feet by 50 feet) and was designed to help people learn about the benefits of using natural gardening techniques to grow healthy plants while protecting family, pets, wildlife and local waterways from harmful chemicals. The garden features great seasonal floral displays, chemical-free lawns, native plants, edible landscaping and fun kids' gardening areas.

Contact Metro Recycling Information at (503) 234-3000 for more information or free natural gardening and toxics reduction brochures. The hearing impaired can call TDD (503) 797-1804.

Field trip site: 6800 SE 57th Ave. (at Southeast Cooper), Portland 97206  
Tours: Self-guided and FREE  
Hours: 7 a.m. to 7 p.m. year-round, but the garden is most interesting March-October  
Appropriate age: Sixth grade and older  
Limitations: No restroom facilities  
Web site: [www.oregonmetro.gov](http://www.oregonmetro.gov)

**Zenger Farm**

The Friends of Zenger Farm Education Program provides educational field trips for grades K-12 as well as adults. These hands-on programs teach participants about farming and food systems, the impact of their food choices, and the relationship between farming, wetland ecology and environmental stewardship.

Individuals and groups smaller than 10 are welcome to visit during our scheduled drop-in visit times listed below. Groups larger than 10 are asked to schedule a visit.

**Fridays:** From March through November, we are open from 2 p.m. to 5 p.m. for drop-in visiting and volunteering. Join the work party or take a self-guided tour. Guided tours offered at 4 p.m.

**Weekends:** Closed to the public except for workshops, events and monthly Farm Days which include drop-in visiting, self-guided tours and a work party. Please check [www.zengerfarm.org](http://www.zengerfarm.org) for more information on weekend Farm Days.

Mailing address: 11741 SE Foster Rd., Portland, OR 97266  
Field trip site: Same as above  
Contact: Alice Froehlich, (503) 282-4245; [alice@zengerfarm.org](mailto:alice@zengerfarm.org)  
Length of tour (program): 90 minutes to 3 hours  
Maximum number: 60-100, depending on age  
Appropriate age: Appropriate for any age  
Hours: Tours are offered Tuesday through Friday.  
Advance notice: Two to three months ahead, depending on the time of year  
Limitations: Dress for the weather; field trips will be outside. Dress to get dirty and wear closed-toe shoes; we will be on the farm. Limited wheelchair accessibility.  
Web site: [www.zengerfarm.org](http://www.zengerfarm.org)

## North and Northeast Portland

### Columbia Wastewater Treatment Plant

Tour the largest secondary treatment plant in Oregon. Walk through the process of wastewater treatment and see how the used water of our community is recycled back into the ecosystem.

Mailing address: 5001 N. Columbia Blvd., Portland, OR 97203-2098  
Field trip site: Same as above  
Contact: Front desk, (503) 823-2400 or Mike Stebbins, (503) 823-2653  
Length of tour: 60 minutes  
Maximum number: Up to 45 students  
Appropriate age: Fifth grade and older  
Hours: 7 a.m. to 3 p.m. Monday through Friday (prefer **not** to start tours after 1:30 p.m.; starting a tour at 7 a.m. is fine).  
Advance notice: One week by appointment only  
Limitations: One adult for every eight to ten students is required.  
Web site: [www.cleanrivers-pdx.org](http://www.cleanrivers-pdx.org)

### Community Cycling Center

The Community Cycling Center, founded in 1994, broadens access to bicycling and its benefits through our hands-on programs, volunteer projects and neighborhood bike shop. We believe the bicycle is a tool for empowerment and a vehicle for change. 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: 3934 NE MLK Blvd., Suite 202, Portland, OR 97212  
Field trip site: 1700 NE Alberta St., Portland, OR 97211  
Contact: Brian Benson, (503) 288-8864  
Length of tour: 20-30 minutes  
Maximum number: 20 students; 1 chaperone per 10 students, please.  
Appropriate age: Any  
Hours: 11 a.m. to 2 p.m. Monday through Friday  
Advance notice: Six weeks  
Limitations: Scheduled as space and staff are available. Please, no open-toe shoes.  
Web site: [www.CommunityCyclingCenter.org](http://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 is also now selling 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](mailto:andrew.staab@oregonmetro.gov)  
Length of tour: 30 minutes  
Maximum number: 20 students (or break 40 students into two tours)  
Appropriate age: Third grade and older  
Hours: 8 a.m. to 3 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 collects and distributes food to people who are hungry through a cooperative, statewide network of partner agencies and programs. OFB distributes food to 20 regional food banks, which, in turn, distribute food to 947 local agencies and programs, such as food pantries, soup kitchen, shelters and more. Students can volunteer by repacking and sorting through food donations in our Volunteer Action Center. With each volunteer shift a group has the opportunity to take a tour of the warehouse as well. Volunteer shifts are generally 2 hours in length.

Mailing address: PO Box 55370, Portland, OR 97238  
Field trip site: 7900 NE 33rd Dr., Portland, OR and/or 1870 NW 173rd Dr., Beaverton, OR  
Contact: Amy Evangelista, (971) 230-1672; Prefer email: [volunteer@oregonfoodbank.org](mailto:volunteer@oregonfoodbank.org)  
Length of tour: 30 to 45 minutes  
Maximum number: 35 students  
Appropriate age: 6 and older  
Hours: By appointment only; 9 a.m. to 8:30 p.m. Monday through Saturday  
Advance notice: Scheduling begins in mid-August and most spaces for the year are full by October.

**ReBuilding Center**

The ReBuilding Center carries the region's largest and most diverse inventory of used and salvaged building and remodeling materials. Both their building and program operation offer a regional example of reuse, green building and sustainability. Tours can include a talk about their social enterprise model and/or the sustainable aspects of the building. Also included in the tour: information about DeConstruction Services, a sustainable alternative to conventional demolition and ReFind Furniture, where creative furniture items are made from reclaimed building materials.

Mailing address: 3625 N. Mississippi Ave., Portland, OR 97227  
Field trip site: Same as above  
Contact: Communications Coordinator, (503) 542-5051; [communications@ourunitedvillages.org](mailto:communications@ourunitedvillages.org)  
Length of tour: 30 minutes to 1 hour  
Maximum number: 25 students  
Appropriate age: 4 and older  
Warehouse Hours: 9 a.m. to 6 p.m. Monday through Saturday; 10 a.m. to 5 p.m. Sundays  
Tours available 9 a.m. to 6 p.m. Monday through Friday; weekends by special arrangement  
Advance notice: One week  
Limitations: There is no heat or air-conditioning provided. Please dress appropriate for the weather outside. Please also wear closed-toe, flat shoes and long pants if possible.  
Web site: [www.rebuildingcenter.org](http://www.rebuildingcenter.org)

**SCRAP  
(School and  
Community  
Reuse Action)**

SCRAP is a creative reuse program and wonderland of inexpensive arts/crafts materials. We divert 103 tons of materials from the landfill each year and make them available to the community in our creative reuse center. We host field trips, workshops and educational opportunities for people of all ages.

Mailing address: 2915 NE Martin Luther King Jr. Blvd., Portland, OR 97213  
Field trip site: Same as above  
Contact: (503) 294-0769 ext 5.; fieldtrips@scrapaction.org  
Length of tour: 2 hours (includes tour, activity, creative reuse project to take home, materials for your classroom or space and educational info)  
Maximum number: 24 students (less for preschool)  
Appropriate age: Preschool through college  
Hours: Please contact us for scheduling.  
Advance notice: Two weeks  
Limitations: The sky is the limit, so bring your imagination! Cost is \$5.00 per student.  
Web site: www.scrapaction.org

**Sunderland  
Recycling  
Facility**

Tour a 20-acre site which uses various techniques to economically recycle materials such as leaves, concrete, asphalt and street-sanding rock. At present, 30,000 to 50,000 cubic yards of material are processed annually at the facility. City crews use this material for maintenance and repair projects. Some of the recycled material, such as leaf compost, blended soil and crushed rock, is sold to the public as part of the Portland Bureau of Transportation's outreach program.

Mailing address: 2929 N. Kerby St., Portland, OR 97227  
Field trip site: 9325 NE Sunderland Ave., Portland, OR 97211  
Contact: Jill Jacobsen, (503) 823-3500; jill.jacobson@portlandoregon.gov  
Length of tour: 45 minutes to two hours depending on interest, age and weather  
Maximum number: 30 students  
Appropriate age: First grade and older  
Hours: 7:30 a.m. to 3 p.m. Monday through Friday (closed Fridays during summer)  
Advance notice: One week  
Limitations: Close supervision preferred. For younger children, one supervisor per six children is encouraged.

## *Northwest and Southwest Portland*

<b>Metro Central Household Hazardous Waste Facility</b>	<p>Tour the facility to see where and how hazardous household materials are recycled, processed and stored.</p> <p>Mailing address: 6161 NW 61st Ave., Portland, OR 97210 Field trip site: Same as above Contact: Rory Greenfield or Kari Meyer, (503) 223-8133; Rory.Greenfield@oregonmetro.gov, Kari.Meyer@oregonmetro.gov</p> <p>Length of tour: 30 minutes Maximum number: 30 students 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. Please wear closed-toe shoes. Visitors may be asked to wear safety gear such as vests, safety glasses or hard hats.</p> <p>Web site: <a href="http://www.oregonmetro.gov">www.oregonmetro.gov</a></p>
<b>Metro Central Transfer Station</b>	<p>Tour of garbage-transfer loading operation. Watch the arrival of garbage trucks and see the sorting process.</p> <p>Mailing address: 6161 NW 61st Ave., Portland, OR 97210 Field trip site: Same as above Contact: Recology Oregon Recovery: Bob Brandenburg, (503) 226-6161 ext. 223; bbrandenburg@recology.com</p> <p>Length of tour: 60 minutes (plus 30 min. if groups also want to tour the hazardous waste facility) Maximum number: 30 students Appropriate age: Fourth grade and older Hours: 8 a.m. to 3 p.m. Monday through Saturday Advance notice: One week</p>

# 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, and 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 Water Spray Ground.

Contact: Metro Recycling Information, (503) 234-3000

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 and free (after park entrance fee: free with your annual pass or pay \$5 per car or \$7 per bus)

## 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: Department of Environmental Services, 503-618-2525, weekdays 8 a.m. to 5 p.m

Length of tour: 60 minutes

Maximum number: n/a

Appropriate age: All ages. Educational materials target 4th-6th grade.

Hours: Site is open to the public from 8 a.m. to 5 p.m. every day.

Advance notice: n/a

Limitations: A large portion of the trail is suitable for wheelchairs.

Web site: [www.GreshamOregon.gov/environmentalservices](http://www.GreshamOregon.gov/environmentalservices)

**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, where you will see how the wastewater is treated before it is released into the Columbia Slough. You will also learn how this plant is using alternative forms of energy to meet its goal of 100% sustainability. Guided tours are provided along with interpretive panels that also guide visitors through the treatment process. Educational tour booklets are available for children, primarily targeting students in grades 2 through 5. 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 Stormwater 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: Paul Proctor, (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: 2 weeks  
Limitations: 1 adult for each 5-10 children  
Web site: [www.GreshamOregon.gov/wastewater](http://www.GreshamOregon.gov/wastewater)

## *Milwaukie, Oregon City, West Linn and Lake Oswego*

### **Children's Garden at Luscher Farm**

Take a field trip to Lake Oswego's Historic Luscher Farm and learn about the entire farm ecology. We offer tours to metro-area elementary school students on Friday mornings. The tour incorporates experiential learning through hands-on activities and sensory explorations in the areas of gardening, plant development, pollinators and square foot gardening. Children will have opportunities for place-based learning about Community Supported Agriculture (CSA), farm chickens, organic gardening and local ecology. The cost per student is \$3.00 (payable in advance) and the tours will commence rain or shine so PLEASE come prepared! Adult chaperones required to assist.

Mailing address: PO Box 369, Lake Oswego, OR 97034  
Field trip site: Historic Luscher Farm, 125 Rosemont Rd., West Linn, OR 97068  
Contact: Children's Garden Coordinator, (503) 534-5284; [childrensgarden@ci.oswego.or.us](mailto:childrensgarden@ci.oswego.or.us)  
Length of tour: 1.5 hours  
Maximum number: 50 students  
Appropriate age: First through sixth grade  
Hours: 9:30 a.m. to 11 a.m. on some Fridays; Please call for other available times.  
Advance notice: One month - more is better!  
Limitations: Field trips take place rain or shine and are always outside. Please have students dress appropriately.  
Web site: <http://www.lochildrensgarden.com>

### **John Inskip Environmental Learning Center**

The John Inskip Environmental Learning Center (ELC), originally created from an abandoned jam cannery, is a five-acre site located on the Clackamas Community College campus. The ELC provides a shared space for wildlife habitat and environmental education for children, families and adults. ELC offers field trip and classroom programs to schools and community groups.

Mailing address: 19600 S. Molalla Ave., Oregon City, OR 97045  
Field trip site: Same as above  
Contact: Alison Heimowitz, (503) 594-3696; [alisonh@clackamas.edu](mailto:alisonh@clackamas.edu)  
Length of tour: Varies, depending on program  
Maximum number: 30 students/class. With special arrangements two classrooms can be accommodated on site at one time.  
Appropriate age: Preschool through sixth grade  
Hours: Call for availability.  
Advance notice: One week  
Limitations: Programs range in cost (\$90-\$110 per class). Please provide one adult for every five students. FREE self-guided tours are available daily between dawn and dusk.  
Web site: <http://depts.clackamas.cc.or.us/elc/>

**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  
Maximum number: Depends on how many fit in vehicle; Bus is okay.  
Appropriate age: Third through seventh grade  
Hours: 8 a.m. to 5 p.m. Monday through Friday  
Advance notice: Two weeks  
Limitations: Students will remain in automobile for the entire tour and Kathleen will join students in vehicle.  
Web site: 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: Three days  
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.

**Metro South Transfer Station**

Tour of 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: Matthew Cofer, (503) 722-4656 ext. 233; mcofer@republicservices.com or Mike Carney, (503) 722-4656 ext. 271  
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  
Advance notice: Two weeks  
Limitations: Close supervision is required. Shoes (no sandals) and long pants required; dress for weather.  
Web site: www.oregonmetro.gov

# *Beaverton, Cornelius, Forest Grove, Hillsboro and Tigard*

## **Forest Grove Transfer Station**

See how mixed solid waste is disposed of and then transported to a local landfill. Observe large trucks dumping residential and commercial trash into large trailers.

Mailing address: PO Box 8, Forest Grove, OR 97116  
Field trip site: 1525 B St., Forest Grove 97116-2752  
Contact: Jason Brown, (503) 992-3013  
Length of tour: 30 minutes  
Maximum number: 30 students  
Appropriate age: Kindergarten and older  
Hours: 9 a.m. to 5 p.m. Monday through Friday  
Advance notice: Two weeks

## **Hillsboro Landfill**

Tour includes up-close viewing of landfill operations, Hillsboro Landfill wetland area and Tualitan Valley Waste Recovery.

Mailing address: 3205 SE Minter Bridge Rd., Hillsboro, OR 97123  
Field trip site: Same as above  
Contact: Hillsboro Landfill, (503) 640-9427  
Length of tour: 60 to 90 minutes  
Maximum number: School-bus capacity, one at a time  
Appropriate age: Third grade and older  
Hours: 8 a.m. to 5 p.m. Monday through Friday  
Advance notice: Please see web site for tour dates:  
<http://www.wmnorthwest.com/landfill/landfillcities/hillsboro.html>  
Limitations: Students will remain on school bus for the entire tour, although smaller groups and older children might be allowed off the bus. Closed-toe shoes required and seasonal limitations apply.

## **Northwest Environmental & Recycling**

Tour a facility that composts various organic materials and processes curbside recycling materials.

Mailing address: 1045 N. Fourth Ave., Cornelius, OR 97113  
Field trip site: Same as above  
Contact: Sharla or Bud, (503) 357-6090; [sharla@dowbros.com](mailto:sharla@dowbros.com)  
Length of tour: 45 to 60 minutes  
Maximum number: 30 students  
Appropriate age: First through fifth grade  
Hours: 9 a.m. to 2 p.m. Monday through Friday  
Advance notice: Two weeks  
Web site: [www.nercompost.com](http://www.nercompost.com)

**Rice Northwest  
Museum of Rocks  
and  
Minerals**

Rocks and minerals are an important part of the earth we share as well as the environment and economy we enjoy. Learn about the raw materials we use to make things, and why it's important to conserve them. One of the top mineral museums in the country. Great visuals and hands-on materials.

Early scheduling is highly recommended for school tours.

Mailing address: 26385 NW Groveland Drive, Hillsboro, OR 97124  
Field trip site: Same as above  
Contact: Linda Kepford, (503) 647-2418; info@ricenorthwestmuseum.org  
Length of tour: 2 to 3 hours (3 hours includes lunch break)  
Maximum number: 140 people  
Appropriate age: Great for all ages!  
Tour hours: 8:30 a.m. to 5 p.m. Monday and Tuesday,  
8:30 a.m. to 1 p.m. Wednesday, Thursday and Friday  
Museum hours: 1 p.m. to 5 p.m. Wednesday through Sunday  
Advance notice: Group tours are by appointment  
Limitations: Discounted rates for schools only: large school groups (50 people min.) \$3.50 for students, \$4.50 for adults, medium size school groups (31 - 49) \$4.00 for students, \$6.00 for adults, small school groups (30 or less) pay regular admission, \$5.00 for students, \$7.00 for adults.  
Web site: www.ricenorthwestmuseum.org

# *Sherwood and Wilsonville*

**Grimm's  
Fuel Co.**

Tour yard debris recycling facility with discussion and observation of plant materials being ground up, sorted by size and made into compost material. See how fuel is made from wood waste.

Mailing address: 18850 SW Cipole Rd., Tualatin, OR 97062  
Field trip site: Same as above  
Contact: Mike McNealy, (503) 692-3756, or Jeff Grimm, (503) 636-3623  
Length of tour: 45 to 60 minutes  
Maximum number: 60 students  
Appropriate age: Third grade and older  
Hours: 8 a.m. to 3 p.m. Monday through Friday  
Advance notice: Two weeks  
Limitations: Students under high school age will remain on school bus for the entire tour. Small groups (5-10) of high school age and older visitors will be able to tour the facility by foot. If so, dress appropriately for the weather. No open-toe shoes. Please provide one adult for every 10 students.  
Web site: [www.grimmsfuel.com](http://www.grimmsfuel.com)

**Willamette  
Resources, Inc.**

Tour recycling center and learn how recyclable materials are prepared for sale to markets.

Mailing address: 10295 SW Ridder Rd., Wilsonville, OR 97070  
Field trip site: Same as above  
Contact: Armando Arellano, (503) 570-0626; [armando.arellano@republicservices.com](mailto:armando.arellano@republicservices.com)  
Length of tour: 30 to 45 minutes  
Maximum number: 20 students  
Appropriate age: First grade and older  
Hours: 9 a.m. to 5 p.m. Monday through Friday  
Advance notice: Three weeks  
Limitations: Close supervision is required. Wear sturdy shoes.

# Outside Portland Metro Area

## Columbia Ridge Landfill

The end destination for this region’s garbage is 145 miles east, through the Columbia River Gorge. The landfill receives up to 6,500 tons of garbage by truck and rail daily. View the landfill and see garbage “tipped” into it. View rail yard and container repair facilities. Visitors from mid-May to mid-June can view construction of a landfill cell. Tour also may include the Chemical Waste Management facility adjacent to the landfill.

Mailing address: 18177 Cedar Springs Lane, Arlington, OR 97812  
 Field trip site: Same as above  
 Contact: Receptionist, (541) 454-2030; swilkins@wm.com  
 Length of tour: 60 to 90 minutes  
 Maximum number: One to two school buses  
 Appropriate age: First grade and older (must be 18 and older to tour the Chemical Waste Management facility)  
 Hours: 8 a.m. to 2 p.m. Monday through Friday  
 Advance notice: One week  
 Limitations: Students will stay on bus for the entire tour.

## Columbia Springs Compost Demonstration Site

Take a self-guided tour of a composting demonstration site highlighting several different systems designed to compost household and yard debris. See web site for list of free backyard composting workshops.

Mailing Address: 12602 SE Evergreen Highway, Vancouver, WA 98683  
 Field Trip Site: Same as above  
 Contact: Jo Anne Dolan, (360) 882-0936 ext 224; mcr@columbiasprings.org  
 Length of tour: 15-20 minutes  
 Maximum number: Individuals and small groups recommended. Parking is limited.  
 Appropriate age: Any  
 Hours: Daylight hours, Monday through Friday.  
 Advanced notice: No notice needed for self-guided tour. Please call two weeks in advance if tour is requested.  
 Limitations: Immediate parking is limited. Additional parking available nearby.  
 Web site: www.columbiasprings.org/mcr

## 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: Lori Wallace, (503) 393-0890; lwallace@covantaenergy.com;  
 Fax number: (503) 393-9714  
 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 (QRF), 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. (Between July 1, 2007 and June 1, 2008, Garten received and processed 532 tons of electronics recycling alone.) Other presentations and special tour accommodations available upon advance request.

Mailing address: PO Box 7310, Salem, OR 97303  
Field trip site: 3334 Industrial Way NE, Salem, OR 97303-0088  
Contact: Kaila Harp or Steven Elmore, (503) 581-4472; kharp@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: Two weeks  
Limitations: Wear sturdy, closed-toe shoes (and a warm jacket on cold days).  
Web site: www.garten.org

**Riverbend  
Landfill**

Waste Management's Riverbend Landfill and Recycling Center is a solid waste disposal and recycling facility located on 160 acres about three miles west of McMinnville, Oregon. The landfill utilizes state-of-the-art liners, leachate collection, groundwater monitoring and gas control systems, along with highly effective operational procedures to ensure a pristine environment.

Mailing address: 13469 SW Hwy 18, McMinnville, OR 97128  
Field trip site: Same as above  
Contact: George Duvendack, 503-472-8788, gduvendack@wm.com  
Length of tour: 30-45 minutes  
Maximum number: 50 students (if all on one bus)  
Appropriate age: First grade and older  
Hours: 9 a.m. to 3 p.m. Monday through Friday  
Advance notice: One week (or more)  
Limitations: Dependent on age and interest  
Web site: www.riverbendlandfill.com

## Other Resources

### City of Portland Environmental Services Clean Rivers Education Program

Environmental Services offers free water quality and watershed health related classroom and field trip programs within the City of Portland. Programs are for K-12 students and community groups. These hands-on programs teach students about the causes and effects of water pollution and what individuals can do to protect rivers, streams and wetlands. We also provide classroom interpretation and activities related to stormwater green solutions, i.e. bioswales, ecoroofs, greenstreets and rain gardens. Natural area restoration/education projects (4th grade and above), community service projects, teacher workshops and curriculum resources are available for check-out. Limited transportation funding may be available upon request. Please call ahead for scheduling.

Contacts: For programs in North, Northwest or Northeast Portland: Megan Hanson, (503) 823-7185; [meganh@bes.ci.portland.or.us](mailto:meganh@bes.ci.portland.or.us). For programs in Southwest or Southeast Portland:

Lynn Vanderkamp, (503) 823-5281; [Lynnv@bes.ci.portland.or.us](mailto:Lynnv@bes.ci.portland.or.us)

View our programs online: [www.portlandonline.com/bes/education](http://www.portlandonline.com/bes/education)

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/index.cfm?c=34598](http://www.portlandonline.com/bes/index.cfm?c=34598).

### City of Portland Bureau of Planning and Sustainability

The City of Portland Bureau of Planning and Sustainability is available to present to students and community groups on global warming and green building. The presentations are suitable for students in middle school or higher and focus on understanding the issues and applying practical solutions.

Contact: Desiree Williams-Rajee, (503) 823-7632; [desiree.williams-rajee@portlandoregon.gov](mailto:desiree.williams-rajee@portlandoregon.gov)

### 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 schools serving the residents of Gresham and Wood Village. City staff also serves as the local Oregon Green Schools coordinator for these schools.

Contact: Jan Rankin, (503) 618-2613; [Jan.Rankin@greshamoregon.gov](mailto:Jan.Rankin@greshamoregon.gov)

### Clackamas County Recycling Partnership (Clackamas County Office of Sustainability)

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: Waste Reduction Education Coordinator, (503) 742-4454,

Clackamas County Office of Sustainability, 150 Beavercreek Rd., Oregon City, OR 97045

### Clean Water Services

Free programs are offered to individuals, schools and groups within the service district (primarily Washington County). These programs include Tualatin River Rangers (an interactive program that teaches fourth graders water quality fundamentals including watersheds, the water cycle, pollution from runoff and wastewater treatment), storm-drain marking project materials, wastewater treatment plant tours and a speaker's bureau. Check out Clean Water Tips and the Native Plant Finder on our web site: [www.cleanwaterservices.org](http://www.cleanwaterservices.org)

Contact: Clean Water Services, Public Affairs, (503) 681-3600

<b>Columbia Springs</b>	Columbia Springs, located in Vancouver, Washington, provides environmental education for all ages promoting environmental literacy and sustainability. Program offerings include workshops, lectures, demonstration sites, teacher workshops, educational trunks, on site student learning and summer camps. For more information about Master Composter/Recyclers, environmental education outreach, Salmon in the Classroom or on-site education programs, please visit our web site at <a href="http://www.columbiasprings.org">www.columbiasprings.org</a> or call (360) 882-0936.
<b>Earth Angel Worm and Garden</b>	Worm composting is simple, fun and educational with worm supplies and information from EARTH ANGEL WORM & GARDEN - your source for happy, healthy redworms, worm bins and vermicomposting information. Expert and friendly advice and consultation by phone or, by arrangement, worm composting set-up, consultation and customized presentations available at your school or organization. Call 503-234-WORM (9676).
<b>Growing Gardens</b>	Growing Gardens' YouthGrow offers after-school and in-school garden programs for elementary and middle school students. YouthGrow also offers summer garden camps and volunteer educator training. Contact: Caitlin Blethen, YouthGrow Manager, (503) 284-8420; <a href="mailto:caitlin@growing-gardens.org">caitlin@growing-gardens.org</a>
<b>Oregon Department of Environmental Quality</b>	Waste reduction 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), and the Saving Little Pieces of Our Earth DVD. DEQ also has information about the Oregon Green Schools recognition program and Project Learning Tree Solid Waste Module teacher training. Contact: Solid waste education coordinator, (503) 229-6724, or visit DEQ's web site at <a href="http://www.deq.state.or.us/lq/education/">www.deq.state.or.us/lq/education/</a>
<b>Portland Community Gardens' Woodlawn Children's Gardening Program</b>	This program offers free kids' gardening classes at the Woodlawn Community Garden for Portland youth, including summer sessions, in-school partnerships and after-school programming. We also host monthly community work parties and welcome scheduled field trips, visitors, guest educators and new partners. For more information about class schedules, volunteer opportunities/orientation and community involvement, contact Mara at <a href="mailto:pkcomkids@portlandoregon.gov">pkcomkids@portlandoregon.gov</a> or (503) 823-1617.
<b>Portland Public Schools</b>	Portland Public Schools offers assistance with school recycling and resource conservation programs for the Portland School District. Contact: Nancy Bond, (503) 916-2000 ext. 74279; <a href="mailto:nbond@pps.k12.or.us">nbond@pps.k12.or.us</a>
<b>The Sauvie Island Center</b>	The Sauvie Island Center increases food, farm and environmental literacy in the community by providing hands-on educational field trips for elementary school children. The trips take place at the Sauvie Island Organics farm and on the grounds of the 120 acre Howell Territorial Park, managed by Metro. Hands-on activities include: <i>Exploring the Compost Pile and Discussing Healthy Soil</i> , <i>Seed to Harvest Investigation in the Grow Lunch Garden</i> , <i>Plant Parts Discovery</i> , <i>Food Web and Forest Exploration</i> and our newest module <i>Pollination Investigation</i> . For more information or to schedule a field trip visit our web site at <a href="http://www.sauvieislandcenter.org">www.sauvieislandcenter.org</a> or contact Jennifer James, (503) 341-8627; <a href="mailto:jennifer@sauvieislandcenter.org">jennifer@sauvieislandcenter.org</a>

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

**Web site:** [www.oregonmetro.gov/schoolrecycling](http://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
- Loan of papermaking kits

To schedule presentations and puppet shows or request materials, call Freda Sherburne at (503) 797-1522, or send e-mail to: [freda.sherburne@oregonmetro.gov](mailto:freda.sherburne@oregonmetro.gov).

**Secondary school resources include:**

- Classroom presentations on sustainability, consumption, climate change and composting.
- Related curriculum materials and videos are available for loan to teachers. Visit web site for a listing.

To request materials or schedule presentations, call Sara Kirby at (503) 797-1521, or send e-mail to: [sara.kirby@oregonmetro.gov](mailto:sara.kirby@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 material recovery facility and then into new products.

[www.oregonmetro.gov/schoolrecycling](http://www.oregonmetro.gov/schoolrecycling)

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