



Portland Metropolitan Area

Field Trip and Resource Guide

2014-15 Guide to
Recycling Facilities and
Gardening Organizations



Field Trip Guide

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 Waste Reduction Education Program, which provides curriculum materials and presentations about waste reduction issues to metro-area K-12 schools.

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



Metro | *Making a great place*

Clean air and clean water do not stop at city limits or county lines. Neither does the need for jobs, a thriving economy and good transportation choices for people and businesses in our region. Voters have asked Metro to help with the challenges that cross those lines and 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.

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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: info@freegeek.org
Length of tour: 30 to 60 minutes
Maximum number: 20 students (up to 40 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
Web site: www.freegeek.org

Green Depot

Tour a unique retail store selling recycled, low-toxic and natural materials. See applications within the store that demonstrate 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
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 after-hours gatherings and tours.)
Advance notice: Two weeks
Limitations: Close supervision is required.
Web site: 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 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: 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, a section of Johnson Creek, Historic Manor House and a compost demonstration site. Guided tours and special garden-related topics are also offered. The garden is open six days a week to the public. School field trips can be coordinated through Leach Garden's Education Coordinator.

Field trip site: 6704 SE 122nd Avenue, Portland, OR 97290
Contact: Education Coordinator, 503-823-1671
Hours: 9 a.m. to 4 p.m. Tuesday through Saturday and 1 p.m. to 4 p.m. Sunday
General information: 503-823-1671; www.leachgarden.org

Zenger Farm

The Education Program at Zenger Farm provides field trips for school groups (preK-college), 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, or Allison O'Sullivan, osullivan@zengerfarm.org; 503-282-4245
Length of tour (program): One hour to four hours
Maximum number: 60-100, depending on age
Appropriate age: Appropriate for any age
Hours: Field trips offered Monday through Friday during fall and spring field trip seasons
Field trips offered Tuesday, Wednesday, Thursday during summer
Advance notice: Two to three months ahead, depending on the time of year
Limitations: Participants need to dress for the weather and be prepared to get dirty on the farm. Limited wheelchair accessibility.
Web site: www.zengerfarm.org

Cost for school groups is \$5/participant for a farm visit up to two hours, including a tour and/or service learning. If your group would like to stay longer, each additional hour costs \$2/participant. Financial assistance available for school groups.

North and Northeast Portland

Columbia Blvd. Wastewater Treatment Plant

Tour the largest secondary treatment plant in Oregon. Walk through the process of wastewater treatment and see how the used water from 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: 503-823-2400
 Length of tour: 90 minutes
 Maximum number: Up to 36 students with chaperones
 Appropriate age: Fifth grade and older
 Business hours: 7 a.m. to 4 p.m. Monday through Friday.
 Advance notice: Tours provided prior to 1pm, by appointment only
 Limitations: One adult for every ten students is required. Closed-toe shoes only, no sandals. Hard hats provided for use while on tour.
 Web site: www.cleanrivers-pdx.org

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: Randi Orth, Volunteer Coordinator, 503-288-8864
 Length of tour: 20 to 30 minutes
 Maximum number: 20 students; one chaperone per ten students, please
 Appropriate age: Any
 Hours: Monday through Friday, 11 a.m. - 5 p.m.
 Advance notice: Six 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 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 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 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 have the opportunity to take a tour of the warehouse, learn about hunger and hear about other ways they can help OFB fight hunger in our community. K-12 School Group Volunteer shifts are two hours in length.

Mailing address: PO Box 55370, Portland, OR 97238
Field trip sites: 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 to 45 minutes
Maximum number: Varies by shift, up to 60; chaperone requirements varies by age
Appropriate age: Six and older for most shifts
Hours: Advance registration required. Shifts are weekday mornings during the school year and tours are offered after school. Groups sign up to volunteer to help repack donated food.
Advance notice: Scheduling begins on our website in mid-August and most spaces for the year are full by October.

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 ReFind 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: Office Administrator Ambassador, 503-542-5054; info@ourunitedvillages.org or info@rebuildingcenter.org
Length of tour: 45 minutes to one hour
Maximum number: 30 students
Appropriate age: Six and older
Warehouse hours: 10 a.m. to 6 p.m. Monday through Friday; 9 a.m. to 5 p.m. Saturday; 10am-5pm Sunday; Tours available 10 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 appropriately for the weather outside. Please wear flat, closed-toe shoes and long pants if possible.
Web site: www.rebuildingcenter.org

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

SCRAP is a creative reuse program 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 creative reuse center. We host field trips, camps and educational opportunities for people of all ages.

Mailing address: 2915 NE Martin Luther King Jr. Blvd., Portland, OR 97212
Field trip site: Same as above
Contact: 503-294-0769 ext. 5; education@scrappdx.org
Length of tour: Two hours (includes tour, activity, creative reuse project made in our Education Annex, materials for your classroom and educational information)
Maximum number: 30 students (fewer for pre-school)
Appropriate age: Four and older
Hours: Please contact us for scheduling
Advance notice: Two weeks
Limitations: The sky is the limit, so bring your imagination! Cost is \$6 per student.
Web site: www.scrappdx.org

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 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.
 Web site: 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: Fourth grade and older
 Hours: 8 a.m. to 3 p.m. Monday through Saturday
 Advance notice: One week

The 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, 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: 20233 NW Sauvie Island Rd., Portland, OR 97231
 Field trip site: Howell Territorial Park, 13901 NW Howell Park Rd., Portland, OR 97231
 Contact: 503-341-8627; shawna@sauvieislandcenter.org
 Length of tour: Two to four hours
 Maximum number: 30 students (up to 40 by special arrangement)
 Appropriate age: Pre-school through fifth grade (middle school by special arrangement)
 Hours: Field trips are offered Tuesday through Friday (other days by special arrangement)
 Advance notice: Must reserve a trip date ahead of time
 Limitations: Each class brings three adults. Field trips are outdoors, so dress for the weather including boots or closed-toe shoes.
 Web site: www.sauvieislandcenter.org

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 Water Spray Ground.

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 4th-6th grade.

Hours: 8 a.m. to 2 p.m., Monday through Friday (to reserve gate key and backpacks)

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.

Web site: 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(WWTP), where you will see how the wastewater is treated before it is released into the Columbia River. You will also learn how this plant is using alternative forms of energy to meet its goal of 100% sustainability. WWTP is on the path to “energy net-zero.” In 2013, the plant generated 70% of our energy 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 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: 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
Web site: www.GreshamOregon.gov/wastewater

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 per child is \$4.50 and \$50 per group of adults up to 25 people, payable one week in advance. Chaperones 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, 503-534-5284; dgrunwald@ci.oswego.or.us
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: Three years 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.
Web site: <http://www.ci.oswego.or.us/luscher>

John Inskeep Environmental Learning Center

The John Inskeep 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
Length of tour: Varies, depending on program
Maximum number: 30 students per class. With special arrangements two classrooms can be accommodated on site at one time.
Appropriate age: Pre-school through sixth grade
Hours: Call for availability
Advance notice: One week
Limitations: Programs range in cost (\$100-\$120 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, depending on number of people on tour
Maximum number: Depends on how many fit in vehicle, including Kathleen; school bus is okay
Appropriate age: Third 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.
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: 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.

**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: Blaine Colvin, 503-722-4656 ext. 233; bcolvin@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 (weekends by special arrangement)
Advance notice: Two weeks
Limitations: Close supervision is required. Shoes (no sandals) and long pants required; dress for weather.
Web site: www.oregonmetro.gov

**Universal
Recycling
Technologies**

Located in Clackamas, Oregon, Universal Technologies has a recycling plant and warehouse that processes more than 14 million pounds of residential, electronic waste each year. If you want to learn more about “where it goes” once you donate your electronic devices to a collection site, please come visit us for a tour!

Mailing address: 10151 SE Jennifer St., Clackamas, OR 97105
Field trip site: Same as above
Contact: Jason Kragerud, Market Area Manager, office 503-722-2236, ext. 412;
cell 971-263-8515; jkragerud@universalrecyclers.com
Length of tour: 30-50 minutes, depending on size of group
Maximum number: No limit
Appropriate age: Eight and older
Hours: Monday through Friday, 8 a.m. to 2 p.m.
Advance notice: Two to three days
Limitations: None
Website: www.UniversalRecyclers.com

Cornelius, Hillsboro and North Plains

Nature's Needs	<p>Nature's Needs hosts commercial composting facility tours. Learn about large-scale organic composting programs. Find more information about the Nature's Needs composting program at www.gocomposting.com.</p>
	<p>Mailing address: PO Box 1535, North Plains, OR 97133 Field trip site: 9570 NW 307th Ave., North Plains, OR 97133 Contact: Jessica Campuzano, 503-647-9489; jcampuzano@recology.com Length of tour: on average, one hour Maximum number: 30 students Appropriate age: Fourth grade and older Hours: 10 a.m. to 2 p.m. (negotiable); Monday through Friday Advance notice: Two weeks Limitations: Wear appropriate footwear: closed-toe shoes only; no sandals or flip-flops Web site: www.gocomposting.com, www.naturesneeds.com</p>
S & H Landscape Supplies & Recycling - Cornelius	<p>Tour a facility that composts various organic materials and processes curbside recycling materials.</p>
	<p>Mailing address: 1045 N. Fourth Ave., Cornelius, OR 97113 Field trip site: Same as above Contact: Rod Cook, 503-357-6090; rod@shbark.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.shbark.com</p>
Rice Northwest Museum of Rocks and Minerals	<p>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. This is one of the top mineral museums in the country with great visuals and hands-on materials.</p>
	<p>Early scheduling is highly recommended for school tours.</p> <p>Mailing address: 26385 NW Groveland Drive, Hillsboro, OR 97124 Field trip site: Same as above Contact: Michelle Pounder or Julian Gray, 503-647-2418; info@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 1 p.m. Monday through Friday Museum hours: Public hours: 1 p.m. to 5 p.m. Wednesday through Sunday Advance notice: Group tours are by appointment Limitations: Hosted tour rate discount: Groups of 30 or less: minimum of \$125 Groups of 31 or more: Teachers, free; other adults, \$4.50; students, \$3.50 Web site: www.ricenorthwestmuseum.org</p>

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-toed shoes. Please provide one adult for every ten students.
Web site: 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
Length of tour: 30 to 45 minutes
Maximum number: 20 students
Appropriate age: Fourth 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: Jackie Lang, 503-493-7848; jjlang@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: 12208 SE Evergreen Highway, Vancouver, WA 98683
 Field Trip Site: Same as above
 Contact: 360-882-0936 ext. 224; mcr@columbiasprings.org
 Length of tour: 15-20 minutes
 Maximum number: Individuals and small groups are recommended as parking is limited.
 Appropriate age: All ages
 Hours: Daylight hours, Monday through Friday
 Advanced notice: No notice needed for self-guided tour. Please call two weeks in advance if guided 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: Karen Breckenridge, 503-393-0890, ext. 232; jkbreckenridge@covanta.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 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).
Web site: www.garten.org

Other Resources

**City of Portland
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 (4th 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.

Contact: Megan Hanson, 503-823-7185; megan.hanson@portlandoregon.gov. View our programs online: 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/sustainablestormwater.

**City of Portland
Bureau of
Planning and
Sustainability**

The City of Portland Bureau of Planning and Sustainability is available to talk with students and community groups on climate change and sustainability. The presentations are suitable for students in middle school or higher and focus on understanding the issues and applying practical solutions.

Contact: Bill Beamer, 503-823-5629; william.beamer@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 Gresham schools. City staff also serves as the local Oregon Green Schools coordinator for these schools.

Contact: Residential and Schools Program Coordinator: Shaunna Sutcliffe, 503-618-2694; shaunna.sutcliffe@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 3rd-5th graders that teaches water quality fundamentals, including watersheds, the water cycle, storm drain pollution prevention and wastewater treatment), Sewer Science (classroom lab for high school students to create, test and treat wastewater), green infrastructure projects (design and construction of swales, raingardens), storm-drain marking project materials, wastewater treatment plant tours and more.
Visit www.cleanwaterservices.org for Clean Water Tips, the Native Plant Finder and more.
Contact: Clean Water Services, Public Affairs, 503-681-3600.

Columbia Springs

Columbia Springs, located in Vancouver, Washington on over 100 acres of urban 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 4,000 students learned about forest and stream ecosystems at Columbia Springs through a variety of field trips. This year our program offerings include: Grades K-2: Salmon Scouts and The Wild World of Bugs; Grades 2-6: Fish Dissection and Soil Investigators; Grades 4-8: Eco-Explorers and Stream Sleuths; K-8: Guided Nature Hikes.

For more information about:

- On-site Environmental Education Programs and Summer Camps, 360-882-0936, ext. 226
- Salmon in the Classroom, 360-882-0936, ext. 228
- Master Composter/Recycler program information, 360-882-0936, ext. 224
- Volunteering and Events, 360-882-0936, ext. 230

Please visit our website at www.columbiasprings.org

Earth Angel Worm and Garden

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.
Contact: 503-234-WORM (9676) or email earthangel@buyworms.com

Growing Gardens

Growing Gardens' YouthGrow offers after-school, in-school and summer garden programs for elementary school students. YouthGrow also offers volunteer educator training and a School Garden Coordinator Certificate Training program multiple times a year.
Contact: Caitlin Blethen, YouthGrow Manager, 503-284-8420; caitlin@growing-gardens.org

Oregon Department of Environmental Quality

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 School 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.

Web site: 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.

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 Kimberly Taylor at 503-797-1671, or send 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 material recovery facility and then into new products. Available in English or Spanish. www.oregonmetro.gov/schoolrecycling

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