

April, 2005

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Cell phones can now be recycled along with...

Printer cartridges.

TONERinx has made **cell phone and inkjet cartridge recycling possible for every school.**

In addition to the revenue you receive for your toner cartridges from copy machines, you can now add inkjet cartridges from computer printers

and old cell phones. You can set a pickup schedule with the company by calling 503-669-3439.

In about a month following pickup, your school will receive a check from TONERinx that can be put to use directly in your school.

We want to say a HUGE Thank You and Well Done to this

company whose efforts at being an earth-friendly business have provided ongoing support to our school District. As of spring 2005, this recycling program has generated over \$15,000 in revenue to Portland schools.



One ton of uncoated virgin (non-recycled) printing and office paper uses 24 trees.

Conservatree, September 2002

- www.conservatree.com/learn/Enviro_Issues/TreeStats.shtm

Recycling newsprint results in an almost 40 percent reduction in total energy demand compared with virgin fiber use.

- Energy Implications Of Integrated Solid Waste Management Systems, prepared for the New York State Energy Research And Development Authority (Boston: Tellus Institute, 1992)

Close the loop!!! Buy Recycled paper.

Close the loop!!

We now have recycled paper available through the PPS warehouse for the same price as virgin. Ask your school secretaries to look for **PCC** in

the description. Thanks to the consciousness of our Portland Public Schools Purchasing staff we now have 30% Post Consumer Content Paper available for **THE SAME**

PRICE AS THE VIRGIN PAPER. A Big thanks to everyone who is helping Portland Public Schools consume less paper.

**High School Students:
\$1,000 scholarships available!**

Two students from every high school in the country are eligible to receive \$1,000 Presidential Freedom Scholarships in recognition of their outstanding service to the community.

Nominations are open to high school juniors or seniors during the 2004-2005 academic year. Students who complete at least 100 hours of community service, either through a school-based service-learning program or inde-

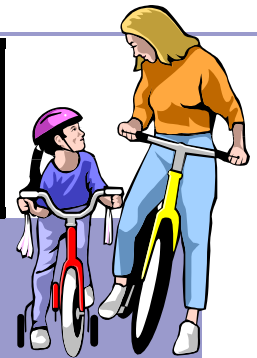
pendently through service at a nonprofit or faith-based organization, are eligible to receive the scholarship. The early notification deadline for certification is April 1, 2005. **The final postmark deadline is July 1, 2005.**

Information and certification forms are available at <http://www.nationalservice.gov/scholarships/>



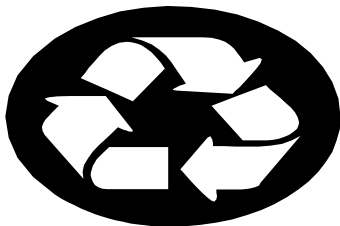
Two Students from every high school are eligible to win \$1,000.

BIKE AND LEARN!



Interested in seeing real ways to sustainably manage your stormwater?

Well, environmental Services and The Northwest Service Academy teamed up to make a Stormwater Cycling map. It highlights the buildings and stormwater features all in a concise tour easily reached by bike. The name of the map is STORMWATER CYCLE and it can be found on the web at www.portlandonline.com/bes/index.cfm?c=34604



Recycling Scoop: all plastics are not recycled.

SO Many Plastics, so few rules. What are the rules on recycling plastic in our area? **Schools only recycle plastic containers with a neck that is smaller than the body of the container.** This would

include pop bottles, water bottles, ketchup bottles, detergent bottles...well, you get the picture. Our school's recycling program does not accept any other kinds of plastic containers. **Way to go Portland, Keep it up!** Last year, recycling in the Portland

metro region reduced overall air emissions of chemicals such as sulfur oxides, nitrogen oxides, hydrocarbons and particulates by about 18,000 tons and reduced the amount of waterborne wastes by 3,000 tons. Metro, internal report, 2003

To make one ton of paper requires the use of 98 tons of various resources. Natural Capitalism; Paul Hawken, Amory and L. Hunter; Lovin Little Brown & Co.; September 1999 www.natcap.org/

Curbside plastic recycling is only available for containers with a neck that is smaller than the body of the container.

Oregon Green Schools Web site gets a face lift.

NEW WEBSITE UP AND RUNNING! Oregon Green School Website got a makeover. Check it out!! Use it for ideas on ways to make your school more

"green" or learn how to become a green school. Lots of information and contacts. Learn how to do a waste or electricity audit. (page 33 of the "Green School Tools")

Or come see what other schools have done, and share your ideas. Keep in touch at **www.oregongreenschools.org**



www.oregongreenschools.org

The Oregon Green School Summit of 2005; Another Success story!

What happened at the Oregon Green School Summit? Learning, Networking, and Celebrating!

More than 400 teachers and students from across the state, including many from Portland Public Schools' 25 Green Schools, enjoyed workshops, displays, prize drawings and a great closing assembly on Friday, March 11th at host school, Reynolds High. Many 'green' community partners shared the day, including Metro, Scrap, Friends of Opal

Creek, Portland Water Bureau and many more. From Bugs to Papermaking to Water Conservation, each attendee had the chance to choose three fun, hands-on workshops from the day's activities. Many schools brought displays that showcased their efforts at restoration or resource conservation.

The Oregon Green Schools Association sponsors this eagerly-awaited event as a reward for the efforts of everyone in each school community

who contributes to ongoing activities that bring the designation of Green, Merit or Premiere Oregon Green School! Thanks to the Oregon Green School Association and to all who had a hand in making this year's summit a great day. To find more information about this year's Summit, go to: http://oregongreenschools.org/2005_summit.cfm



Not a Green School but would like to be?

Please let our AmeriCorps team help you through the process so your school can be part of this great event next year! Contact Sara Zuckerman, 916-2000 x4267 or Victoria Cummings, 916-2000 x4266.

Field Trip ideas!!

Portland Metropolitan Area Field Trip guide to recycling facilities is a great way to hammer the 3 R's Home.

Visit places like Home Composting Demonstration sites, Scrap (school and community reuse action project), Metro's household Hazardous Waste Facility, Free Geek, Rebuilding Center, Resource Revival, a garbage transfer station, Recy-

cle America, Columbia Ridge Landfill and more!

Want to know how much in advance you need to call, how many students per tour or how long a tour will be?

For numbers and addresses see Metro's home page at <http://www.metro-region.org/> There are fun facts, great ideas and information available at the tip of your finger.

SPRING FORK-IT-OVER FOOD DONATION

20 Selected Portland Public elementary schools and Nutrition Services have, once again, donated food to help alleviate hunger in the city of Portland through **METRO's Fork It Over program.**

Blanchet House and Portland Rescue Mission collected over 1,000 pounds of food on the last day of school before

Spring Break. The donated food was unable to be used again or would not have stayed fresh during the weeklong vacation. Adding together a pudding recall, Thanksgiving, Winter and Spring Break, **PPS has donated over 6,800 pounds of food to help the hungry!** We are proud to be able to further serve our community in this way!



Visit Brower Youth Awards: www.earthisland.org/bya/index.html

Winners Receive \$3,000!

Applicants Sought for 2005 Brower Youth Awards. **Applications are due June 1, 2005** for this year's Brower Youth Awards. The awards, a project of Earth Island Institute honoring the legacy of David Brower, recognize six residents of the United States or Puerto Rico, aged 13 to 22, who have shown major leadership in initiating and implementing projects in the areas of conservation, preservation, and restoration. Winners receive a \$3,000 prize, a trip to the awards ceremony in San Francisco, a three-day wilderness encounter, and a

What is recyclable at your school?

Paper (all kinds and no need to separate, magazines, newspaper, colored, white...) cardboard, plastic bottles, aluminum cans, batteries, books, electronics, cell phones, and printer cartridges. For more extensive information about how to recycle these items call



Portland Public Schools
Environmental Health & Safety
501 N. Dixon
Portland, OR 97227

Patrick Wolfe, Environmental Services Manager: 503-916-3449; e-mail, pwolfe@pps.k12.or.us
Nancy Bond, Resource Conservation Specialist: 503-916-2000 ext. 4279; e-mail, nbond@pps.k12.or.us
Victoria Cummings, AmeriCorps Member, 503-916-2000 ext 4266; e-mail, vcummin1@pps.k12.or.us
Sara Zuckerman, AmeriCorps Member, 503-916-2000 ext 4267; e-mail, szucker1@pps.k12.or.us

Earth Day Billboard Unveiling!!

The winning Earth Day billboards will be unveiled on Saturday, April 2nd. Students from metro area schools submitted their artwork to a panel of judges who chose four winners and eight honorable mentions.

The winners will have their work turned into a billboard to educate the public as part of Metro's waste reduction education program. Come to Metro at 10 a. m. to see the shock on the winner's faces when they are face to face with their larger than life artwork. The celebration continues until 1 p.m. and will be filled with games such as Recycling Roulette, door prizes and worm composting demonstrations. If you are into



artwork come see the 2,200 works of art submitted to illustrate how reducing trash can conserve the Earth's natural resources and partake in the fun to be had by all.

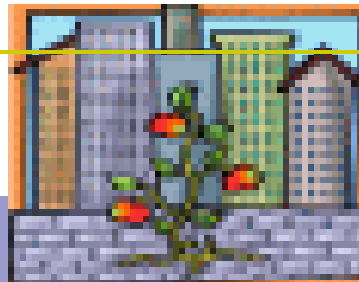
DaVinci's garden goes solar!

At the Da Vinci Visual Arts Middle School on March 17th, thanks to the help of Science Teacher, Dan Evans and his students, a switch was flipped to start the newly erected photovoltaic solar panels that will produce more than 1,000 watts of energy to the school's "living water garden."

This school is one of three Portland Public Schools to have received solar panels and at Da Vinci they will be used to power a natural water purification system in the garden. Cleveland High and Lincoln High also got solar panels as part of this grant. Thanks to Bonneville Environmental Foundation, PGE's renewable power program, New Path Renewables and The Energy Trust of Oregon, **the students will have access to "hands-on" experience with solar power.**

Go by and check it out! 2508 NE Everett, Portland, OR 97232.

Coming soon is a computer program to tell us how much electricity the panels are generating and how much electricity the garden pump is using. DaVinci is featured in the Stormwater bicycling tour. (see page 2 for



Building a Community Greenroof Environment Learning Expedition

MLC's Ecoroof

Once upon a time in 1988 The Metropolitan Learning Center lacked a science lab. So with big dreams and lots of energy they envisioned a living laboratory to replace a playground on one section of the school roof.

Inspired by thoughts of having their own garden, nursery and science lab they raised money, applied for grants and partnered with some of the local businesses. In planning for this project the students have learned

about soil composition, vermiculture, stormwater management, native plants and every facet of design and implementation. A School-To-Work coordinator, Jennifer Rasor, received a Meyer Memorial Trust and Portland BES (Bureau of Environmental Services) grants. Now 17 years later, Snyder Roofing is ready to build the greenroof for MLC once permits are approved.

They have successfully jumped over every barrier placed in front of them. For example some students teamed up with CERTECH

To learn more about the donors and partner businesses involved in the MLC greenroof go to : <http://inside.pps.k12.or.us/schools-c/pages/mlc/greenroof/>

Engineering, to weld a fence to ensure that being on a third story roof would be safe. The lowest bid for this fence was \$10,000. A Marketing for Non-Profit Organizations high school level course created a Power Point presentation, which they used to convince Boora Architecture and private donors to make financial and in-kind contributions to the project.

Another course worked on applying for grants and raised \$5,000 to fund the construction of the roof membrane, planter beds, soil, plantings and water budget.

Through creativity and determination, this dream has taught many students diverse skills beyond what a living laboratory could give them. The School District would like to thank the efforts of everyone involved for making this an experience full of learning opportunities.