

EW ENERGY WIRE

SD43 Sustainability and Energy Management Newsletter

An initiative from SD43's Facilities Department - Energy Management and Sustainability

Issue No. 5 Date: March/ April 2022

About Us

We are the District's Sustainability and Energy Management Team.

We work with BC Hydro, Clean BC, and Fortis BC in finding ways to make our schools run more efficiently to reduce our carbon footprint. New LED lights at your school? That was us. New efficient heating system? We were there too. Holiday Shut Down competitions, us too, and so much more.

This newsletter is designed to let everyone know about SD43 sustainability initiatives. All through the District, great things are going on to make our students, our community, and our world more sustainable. We want to know what you are doing and how you are doing it.

Calendar of Sustainable Events:

April 22– Earth Day. Who would like stickers for their Earth Day event?



Interested school please forward a request to Adrian Pettyfer, Energy Manager. apettyfer@sd43.bc.ca.

April 25th - Time to get planting! During the week of April 25th, Urban Roots will deliver FREE starter plants, vegetables, and herbs, to 33 schools to get their gardens going.

A Garden show and a competition will follow.

If your school has not signed up and you want to participate, please contact us.

District Eco-Challenge Competition Week is completed

The district held its first Eco-Challenge Competition Week which comprised of 5 Challenges (1 per day):

Monday – Electricity - Lights out Lunch

Tuesday – Gas Reduction - Sweater Day, turn down the heat

Wednesday – Reduce Emissions – Walk, ride, transit to school, say no to the car.

Thursday – Waste Reduction – Litter less lunch, what you bring to school leaves the school.

Friday – Declaration – List and Sign a declaration of what you can do to help fight Climate Change.

The Eco-Challenge Competition was a great success.

We appreciate the participation of all the schools. The entries have been evaluated.



And the winners from each level of the school who will get \$500 are.....

Secondary - **Heritage Woods Senior Secondary School, with participation from 69% and over 950 students, is the overall winner**

Middle - **Eagle Mountain Middle School, had 62% and over 365 participants get engaged on all 5 days.**

Elementary - **Bramblewood Elementary School made a big week with an impressive 78% or 177 student participations**

In addition, the Family of Heritage Woods SS- Eagle Mountain Middle - Heritage Mountain Elementary, had the most combined points and therefore, are the winners for an additional \$200 each.

And finally, we give \$100 to Dr. Charles Best Secondary for their picture of sweater day.

All Winning and Participating schools will receive a framed certificate of participation as a token of appreciation for their efforts in making this competition a success.

Participating schools developed awareness campaigns including posters and banners. Below are some examples of many that we wanted to display:





ECO-CHALLENGE COMPETITION WEEK
DAY 1: ELECTRICITY

←←←←←
LIGHTS OUT LUNCH:
TURN THE LIGHTS OFF DURING LUNCH HOUR

NATURAL LIGHT LEARNING:
CLASSROOM LIGHTS OUT OR GO
LEARN IN THE SUN
←←←←←

LET THE ECO TEAM KNOW HOW YOU DID TODAY!





Monday

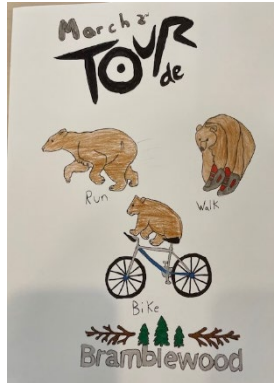
ECO-CHALLENGE COMPETITION WEEK
DAY TWO: GAS REDUCTION
Wear your sweater and turn down the heat!

Turning down the heat is an easy way to save energy and reduce our impact on Climate Change.

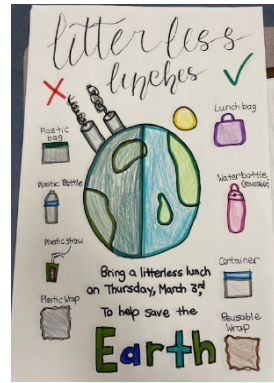
Wear a Hoodie, Sweater, or Jacket March 1st!
Let us know how you did today!



Tuesday



Wednesday



Thursday

ECO-CHALLENGE COMPETITION WEEK
Day Five!

For an extra 50 Pts
Sign the Declaration of actions to fight Climate Change!

Thanks for participating in the SD43 Eco-Challenge

Let us know how you did!



Friday

Get your garden ready. April 25th delivery.

Spring is about spring! Gardeners and garden clubs should start getting their planting plots ready. Urban Roots Garden Market is donating starter plants to 33 of our Garden Schools.



URBAN ROOTS GIVING GARDENS

Promoting solutions for food literacy and food security for students and communities in the Greater Vancouver Regional District



2022 Plant Donation

Urban Roots Garden Market is a growing BC business that provides neighbourhoods with a local nursery experience, specializing in the sale of annuals and perennials.

Urban Roots is donating 126 starter plants to schools, we are growing a mix of:

Tomatoes	Basil	Romaine lettuce
Broccoli	Oregano	Strawberries
Cauliflower	Spinach	Kale
Bell peppers	Butter lettuce	Cucumber
Chives		Parsley

If your school has an active garden program, please sign up at givinggardens@urbanrootsgardenmarket.ca. Please sign up by March 11th for a guaranteed donation, later submissions will be added to our waitlist. There will be a few pick-up locations, and plants will be available on April 25th and April 26th. We are excited to support your schools and look forward to seeing your gardens flourish!



WHO

Urban Roots Garden Market is holding its second annual plant donation and donating to school and community gardens



WHAT

We are excited to donate a mix of vegetables and herbs that have been purpose grown for this initiative



WHY

Our mission is to promote food literacy and food security in our communities and provide an outlet that improves mental health

1

SIGN UP

Please email givinggardens@urbanrootsgardenmarket.ca to sign your school up for the donation

2

PICK UP

Pick up will take place April 25th and 26th, locations to be decided

3

PLANT & TAKE PHOTOS

We would love to see the final product! Please send photos to givinggardens@urbanrootsgardenmarket.ca

*Plant varieties subject to availability dependent on rate of germination
*Donation available to schools that sign up, limited supply



During the week of April 25th, we will deliver vegetables including tomatoes, peppers, cucumbers, lettuce, and herbs.

Please let us know if your school has not signed on and wants to be included.

Electronics Recycling - Support Jazmine


Jazmine Cabaluna is a 16-year-old grade 11 student at Gleneagle Senior Secondary School is competing for a scholarship hosted by the Electronic Recycling Association. The scholarship is based on the ability to arrange a collection of used electronics to be either refurbished, recycled, or sustainably disposed of.

The District will be assisting Jazmine by communicating and endorsing her efforts over the next few weeks up until April 22nd Earth Day. Please consider developing a collection box and promoting the initiative through your schools to have students and staff bring in their old stuff and connect with Jazmine via truenorthwaste@gmail.com.



 ● ● ● ● → TRUE NORTH E-WASTE
CALLING SD43 SCHOOLS!

Need to get rid of electronic waste from within your school, its students, and its staff? 

When True North E-Waste hosted its first school-based collection event, we realized that it was during a busy month for many schools. We are incredibly grateful for the schools who participated however, we realize that more may want to participate during a less hectic time. This is why we've decided to host a second school-based collection event! 

This school-based collection event will last from the start of spring break until Earth Day (April 22). During this period, participating schools can choose a specific time frame of when they will be collecting electronics (it can be as long as the entire period or as short as a week, your choice!). Once every week, we will come by to pickup any collected donations until the end of your chosen period. Thinking about disposing old or broken school electronics from your computer lab, library, and the like? We'll take those too! Just mention it to us and we will make arrangements accordingly.

INTERESTED? 
TRUENORTHWASTE@GMAIL.COM

WANT TO SEE THE FIRST SCHOOL-WIDE COLLECTION EVENT? 



TRUENORTHWASTE

WHAT CAN I DONATE?

✓ Laptops/Computers (Mac and PC)	✓ Software (Operating, Editing, Design)
✓ Docking Stations	✓ Switches and Routers
✓ Parts (motherboards, hard drives, etc.)	✓ Disk Arrays
✓ Keyboards, Computer Mice, Wires/Cables, Headsets	
✓ Gaming Consoles	
✓ Stereo Equipment, IPODS/IPADS/MP3 Players	
✓ Printers (Inkjet/LaserJet), Fax Machines, Scanners & Copiers	✗ Personal Appliances (electric toothbrushes, razors, etc.)
✓ Mobile Phones, iPhones, Smart Phones, Tablets, Phone systems	✗ Household Appliances (microwaves, coffee pots, etc.)
✓ CD/DVD Players & Cards	✗ TVs
✓ Servers (Racks, Stands, All Brands)	✗ Batteries

Not listed here? Email truenorthwaste@gmail.com to check if your device is accepted!

Electrical Upgrade at Port Moody Secondary

Our Electricians are just completing a full Electrical upgrade at PMSS.

We have replaced all the old fluorescent lights with LED lights with dimming options in all the learning areas. We anticipate an annual electrical savings of approx. 390,000 kWh an annual cost savings of almost \$37,000.

In addition, we have installed 4 X EV Chargers for staff and students to promote our school's community to move from gas to electric transport.

Boiler Upgrades

The district has been working on improving mechanical heating systems in schools and is committed to reducing GHG Emissions. Recently, the district has replaced old inefficient boilers with new highly efficient condensing boilers at Leigh Elementary School, Central Community Elementary School, and Pleasantside Elementary School.



Before (Mid Efficient Boilers at Leigh Elementary)



After (highly Efficient Condensing Boilers at Leigh Elementary)

Sustainability Art

If you have a piece of artwork that you feel illustrates your interpretation of the concept of sustainability, please let us know so we can feature it.

Jade Toth, *Last Line of Defense*, 2021, Oil on wood, 91x30cm (PMSS Graduate)

Many young people's interactions with nature lean towards a sadness that if they do not try to save it, it may be lost along with their futures. Often, we feel like our voices don't matter to the rest of the world and that we are the last line of defense before the earth can't be saved.

What is going on at your school?

If you or your school is doing something that will help sustain our world's environment, we want to hear about it and let everyone else know. Please contact us so we can help get the word out.

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