**Waste Warriors**

**Grade 2 virtual Waste Workshop**

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| **Overview:** What is the destiny of our waste? Through interactive virtual activities, students explore the importance of the 3Rs and sustainability in our interrelationship with the natural environment.  |
| **Grade Focus:** 2 | **Duration:** 60 minutes |
| **Curriculum Connections:***Social Studies: People and the Environment*B1.3 demonstrate an understanding of the importance of sustainability in people’s interrelationship with their natural environment and of some of the consequences of sustainable and/or non-sustainable actionsB2.1 formulate questions to guide investigations into some aspects of the interrelationship between the natural environment of selected communities and the ways in which people live*Science and Technology: Understanding Life Systems- Growth and Changes in Animals*1.1 identify positive and negative impacts that animals have on humans (society) and the environment, form an opinion about one of them, and suggest ways in which the impact can be minimized or enhancedScience and Technology: Understanding Earth and Space Systems- Air and Water in the Environment1.1 assess the impact of human activities on air and water in the environment, taking different points of view into consideration and plan a course of action to help keep the air and water in the local community clean |
| **Topics of Focus:*** Applying the 3Rs to reduce waste generation at home and school
	+ Through workshop activities, participants will learn about recycling and how to use the Recycling Bin/Cart.
* Landfill
	+ In the introductory workshop discussion, participants will learn about where garbage goes and what can be done to divert waste from landfills (i.e. use of recycling and green carts).
* Managing and processing divertible materials (Recycling)
	+ Brief explanation of the recycling process during the introductory workshop discussion (i.e. materials from recyclable items are used to create new items).
	+ Activity #2: Participants will learn about how the Region of Peel recycles.
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| **Key Messages:** * Landfills and the environment
* 3Rs of waste reduction
* Proper use of garbage, recycling and green bins
* Reduce and reuse – as ways to divert waste from landfills
* Process of making and using/reusing things
* Process and benefits of recycling
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| **Platform(s) Used:**A Prezi presentation will be casted virtually for participants using Google Classroom.  |
| **Interactive Component(s):** * Follow along worksheet (optional)
* Acting out recycling (physical)
* Voting for recycling or garbage bin disposal (physical)
* Virtual sorting game
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| **Preparation and Set-up:** Virtual workshops may take place in a classroom with access to a computer with internet as well as a Smartboard or projector. The virtual workshop may also take place from the homes of participants once a link to the Google classroom session is provided. Teachers will be provided with a follow along worksheet to distribute to all students prior to the start of the workshop.  |
| **Outline:** *Introduction (10 mins)* * Introduction of Educator, Region of Peel, and Ecosource.
* Virtual workshop guidelines
* Review instructions for follow-along worksheet

*Guided Questions (5 mins)* * Presentation about waste, 3Rs and landfills (focused on Peel Region)

*Activity #1 – “What Happens to Waste” Activity (15 mins)* * Students will follow along the virtual journey of Kenny the Can to find out what happens when items are recycled and when they are sent to landfill. Kenny the Can will “jump” from step to step on the screen to illustrate the journey.
* Students will re-enact the steps of how items are recycled in the Region of Peel by standing up and following the facilitator on-screen

*Activity #2 – “What Goes Where?” Activity (10 mins)* * Students will learn tips and tricks for knowing how to correctly sort their waste in the Region of Peel by watching the facilitator’s video and guessing which bin the item belongs. Students will vote using hand actions (as a class) or by indicating online (individual videos).

*Activity 3 – “Waste Race?” Sorting Activity (15 mins)* * Students are challenged to a timed waste sorting game. Images of the items will fall from the top of the screen and students will have until the item reaches the bottom to guess if the item belongs in the garbage or recycling. Using different body actions to represent both categories, students will make their guesses for each item.

*Debrief (5 mins)* * Recap of learning and question period.
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| **Takeaways:** At the end of the presentation, students will be provided with a fun and educational worksheet related to the workshop content. Teachers will be provided with a lesson plan related to the workshop to extend learning. To help reinforce what is recyclable, what is garbage and extend classroom learning to explain in their own words what each means and how to apply each term to the overall goal of waste reduction.  |

*The components of this lesson may be modified during delivery at the discretion of our educators. To book with us, please visit:* [https://ecosource.ca/waste-reduction-workshops/](https://can01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fecosource.ca%2Fwaste-reduction-workshops%2F&data=02%7C01%7Claura.lane%40peelregion.ca%7C896441cd7daf4703b71708d838ad3ff1%7C356f99f39d8647a182033b41b1cb0c68%7C0%7C0%7C637321664057394866&sdata=uTbVeIL7qRWNxqIS0L%2BBzEff%2FH34v5OIddnBBXIekSs%3D&reserved=0).