



## Learning Opportunities - Grade 7 - April 20th-24th

*Do the best you can! Focus on life skills, physical activity, mental well-being, creative expression, social responsibility and social connections. Stay healthy and safe!*

*Try to work on the learning opportunities for 2 hours each day.*

*Every day, students should be **reading** for 30 minutes and getting 30 minutes of **physical activity**.*

**Science** - The theme this week is Earth Day. You are encouraged to spend about 30 minutes per day or 2.5 hours a week on Science. Here are some activities that you can choose to complete. You can show us what you are working on by posting it on Instagram! If you would like feedback or have some questions, email [justin.tompkins@nbed.nb.ca](mailto:justin.tompkins@nbed.nb.ca).

Activity	Materials/resources	Instructions
<b>Make a Compost Bin</b>	<a href="http://www.planitdiy.com/inspiration/in-kids/a-compost-bin-project-for-the-kids/">http://www.planitdiy.com/inspiration/in-kids/a-compost-bin-project-for-the-kids/</a> <ul style="list-style-type: none"> <li>• plastic bin with lid (ice cream container, garbage bin, tote, etc.)</li> <li>• Drill (or something to make small holes)</li> <li>• Shredded paper</li> <li>• Soil</li> <li>• Dried leaves and/or pine needles</li> <li>• Food scraps</li> <li>• Water</li> </ul>	Composting is the perfect way to recycle and reuse. Get started with this fun project that can be built with stuff you probably have at home. Post a picture of your compost bin on social media and tag PAMS!
<b>Invent Ways to Reuse Old Items</b>	<a href="https://www.onegoodthingbyjillee.com/repurposing-disposable-household-items/">https://www.onegoodthingbyjillee.com/repurposing-disposable-household-items/</a> Old Items to reuse (t-shirt, jars, cans, plastic bottles, food containers, old clothing, etc.)	Choose an item that you would normally throw away and see how many ways you can invent to reuse the item. For example, an old t-shirt can be turned into cleaning rags, oven mitts, cushion covers, and more. Or, an old pickle jar can be used to grow a small plant in, to use as a pencil holder, or to store candy in. You can start a list that has new uses for old items, so others are encouraged to reuse. Post your list on social media, a website, blog or just write it down.
<b>Create a System for Filtering Water</b>	<a href="https://science.lovetoknow.com/science-fair-projects/homemade-water-filter-science-project">https://science.lovetoknow.com/science-fair-projects/homemade-water-filter-science-project</a> <ul style="list-style-type: none"> <li>• Plastic bottle</li> <li>• Vase or tall glass</li> <li>• Filter Materials (you choose)</li> <li>• Water</li> <li>• Scissors or knife</li> </ul>	You can easily make a water filter using recycled materials found at home. By using natural materials that mimic the water cycle of the Earth, you can learn how the process of infiltration works and create a water filter that works. Try using different materials that you have available (paper towel, cotton balls, coffee filters, sand, charcoal, etc.).