

Audience: Grade 4 / 5 science class

Objectives:

- to teach students about the “nature of sustainable practices around BC’s practices” and how we can “act as stewards to our environment”
- To teach students the concept of “environmental stewardship”, “sustainability”, and “pollution”

Materials:

- Environmental detectives print out

Activities

time	Teacher activity	Student activity	Assessment/ Evaluation
2 min	<p>Intro/ hook</p> <p><a href="https://www.youtube.com/watch?v=HQTUWK7CM-Y&amp;ab_channel=NationalGeographic">https://www.youtube.com/watch?v=HQTUWK7CM-Y&amp;ab_channel=NationalGeographic</a></p> <p>Asking questions like "What do you notice about this video/picture? What questions or wonderings do you have?"</p> <p>Think - pair - share answering the prompts</p>	<p>Brainstorm</p> <ul style="list-style-type: none"><li>- Answering to the prompt by putting their hand up and responding to the prompts</li></ul>	
10 min	<p>Brainstorm</p> <ul style="list-style-type: none"><li>- Brain storm surrounding the question “what is harmful for our environment”</li><li>- Start with the ideas of “littering” and “oil spills” to help get students thinking on the right track</li><li>- Reveal the central idea of “pollutant” as something that is harmful to our environment</li></ul>		

<p>15 min</p>	<ul style="list-style-type: none"> <li>- Brainstorm around the idea “What is good for our environment”</li> <li>- Start with ideas like “reusable containers” and “electric cars”</li> <li>- Reveal the central idea of “sustainability” as the act of saving our environment and the idea of “stewardship” as US being sustainable</li> </ul> <p>Environmental detectives activity</p> <ul style="list-style-type: none"> <li>- Hand out the print out sheet and explain “we will go around the classroom and through our own things looking for pollutants, drawing them in the magnifying glass and explaining how it is bad for the environment and what a sustainable alternative may be”</li> <li>- Check for understanding: “For example if I were to use this water bottle would you say its sustainable or a pollutant”</li> </ul>	<p>Environmental detectives activity</p> <ul style="list-style-type: none"> <li>- Students will go around the class finding pollutant items</li> <li>- They will draw the item into the magnifying glass and then answers the prompts on the note paper.</li> </ul>	
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