



## The Next 150 Background Resources

### Sustainable Future

Share your vision of the kind of changes people and communities in Canada should be making to become more sustainable and what Canada's contribution as a nation should be towards a more sustainable world in the next 150 years.

#### Elementary Level Resources:

Resource Title	Resource Description	Resource Source and Link
<b>Climate Change 101 with Bill Nye</b>	Bill Nye explains the basic concept of climate change and the effect that it is having on the earth.	<b>Source:</b> National Geographic <b>Link:</b> <a href="https://www.youtube.com/watch?v=EtW2rrLHs08">https://www.youtube.com/watch?v=EtW2rrLHs08</a>
<b>Climates - Bill Nye the Science Guy Season 3 episode 10</b>	This episode talks about climate, how climate change is affecting plants and how scientists are able to track climate change by looking at tree growth.	<b>Link:</b> <a href="http://www.dailymotion.com/video/x3jyuu5">http://www.dailymotion.com/video/x3jyuu5</a>

<p><b>The End Of The Arctic</b></p>	<p>A 13 minute documentary about the effects of climate change and how large oil companies, who are using seismic blasting, are not only affecting the way of life of the Inuit peoples but also the habitat and lives of the animals that call the ocean their home.</p>	<p><b>Source:</b> AsapSCIENCE</p> <p><b>Link:</b>  <a href="https://www.youtube.com/watch?v=CrRDtZp96jw">https://www.youtube.com/watch?v=CrRDtZp96jw</a></p>
<p><b>Weather vs Climate</b></p>	<p>This source is a link to a playlist about Weather vs Climate. The playlist has different videos about the weather based off the Grade 5 science curriculum.</p>	<p><b>Source:</b> Crash Course for Kids (YouTube channel)</p> <p><b>Link:</b>  <a href="https://www.youtube.com/watch?v=YbAWny7FV3w&amp;index=11&amp;list=PLhz12vamHOnYmvLSYtQvuxDrWSi795yDa">https://www.youtube.com/watch?v=YbAWny7FV3w&amp;index=11&amp;list=PLhz12vamHOnYmvLSYtQvuxDrWSi795yDa</a></p>
<p><b>Pollution: explained</b></p>	<p>This source breaks down and explains the concept of pollution.</p>	<p><b>Source:</b> Crash Course (YouTube channel)</p> <p><b>Link:</b>  <a href="https://www.youtube.com/watch?v=kdDSRRCKMiI&amp;index=11&amp;list=PL8dPuuaLjXtNdTKZkV_GiIYXpV9w4WxbX">https://www.youtube.com/watch?v=kdDSRRCKMiI&amp;index=11&amp;list=PL8dPuuaLjXtNdTKZkV_GiIYXpV9w4WxbX</a></p>

<p><b>Simpleshow explains the Carbon Footprint</b></p>	<p>This source explains what a carbon footprint is.</p>	<p><b>Source:</b> simpleshow (YouTube Channel) <b>Link:</b> <a href="https://www.youtube.com/watch?v=8q7_aV8eLUE">https://www.youtube.com/watch?v=8q7_aV8eLUE</a></p>
<p><b>The Paris Agreement For Climate Change</b></p>	<p>This is an animated video on the Paris Agreement and goes into an explanation, though brief, of the happenings of the meeting and the future goals the 195 countries who signed the Paris Agreement want to achieve.</p>	<p><b>Source:</b> World Wildlife Fund <b>Link:</b> <a href="https://www.youtube.com/watch?v=I-4F5MJEEqs">https://www.youtube.com/watch?v=I-4F5MJEEqs</a></p>
<p><b><i>What Does it Mean to Be Green</i></b></p>	<p>An illustrated book explaining what it means to be green. This would be a great source to introduce the concept of sustainability to younger grades.</p>	<p><b>Author:</b> Rana DiOrio <b>Link (To Amazon page):</b> <a href="https://www.amazon.ca/What-Does-Mean-Be-Green/dp/0984080619">https://www.amazon.ca/What-Does-Mean-Be-Green/dp/0984080619</a></p>
<p><b>Groupe média TFO Resources in French on IDÉLLO</b></p>	<p>Discover French-language educational resources, adapted for your class, on Sustainable Future and all Next 150 discussion topics on IDÉLLO</p>	<p><b>Source:</b> IDÉLLO <b>Link:</b> <a href="https://www.idello.org/fr/ressource/18275-Avenir-Durable">https://www.idello.org/fr/ressource/18275-Avenir-Durable</a></p>

## Secondary Level Resources:

Resource Title	Resource Description	Resource Source and Link
<b>A Sustainable Future</b>	<a href="http://worldchanging.com">worldchanging.com</a> founder Alex Steffen argues that reducing humanity's ecological footprint is incredibly vital now, as the western consumer lifestyle spreads to developing countries.	<b>Source:</b> TED-Talk by Alex Steffan <b>Link:</b> <a href="https://www.ted.com/talks/alex_steffen_sees_a_sustainable_future">https://www.ted.com/talks/alex_steffen_sees_a_sustainable_future</a>
<b>What is Sustainability?</b>	This source explains that basic concept of sustainability	<a href="https://www.youtube.com/watch?v=rmQby7adocM">https://www.youtube.com/watch?v=rmQby7adocM</a>
<b>Climate Change 101 with Bill Nye</b>	With this source Bill Nye is explain the basic concept of Climate Change and the effects that it is having on the earth.	<a href="https://www.youtube.com/watch?v=EtW2rrLHs08">https://www.youtube.com/watch?v=EtW2rrLHs08</a>
<b>Climates- Bill Nye the Science Guy Season 3 episode 10</b>	this episodes is about seasons, talks about climate and in the time listed below about how climate change is affecting plants. 8:22-9:55 - a little bit about climate change and its effects on plants, and how they are able to track it by looking at the growth of trees.	

<p><b>The End Of The Arctic</b> by AsapSCIENCE</p>	<p>a 13 minute documentary about the effects of climate change and large oil companies who are using seismic blasting are not only affecting the way of life of the Inuit peoples but their main food source and the habitat and lives of the animals that call the ocean their home</p>	<p><a href="https://www.youtube.com/watch?v=CrRDtZp96jw">https://www.youtube.com/watch?v=CrRDtZp96jw</a></p>
<p><b>Canada and climate change</b></p>	<p>Greenpeace's research on Climate change and what Canada has done (Research is based in 2010 with the Harper Government.</p>	<p><a href="http://www.greenpeace.org/canada/en/campaigns/Energy/climate-and-energy/Resources/Fact-sheets/Canada-and-climate-change/">http://www.greenpeace.org/canada/en/campaigns/Energy/climate-and-energy/Resources/Fact-sheets/Canada-and-climate-change/</a></p>
<p><b>Pollution: explained</b></p>	<p>This source breaks down and explains pollution.</p>	<p><a href="https://www.youtube.com/watch?v=kdDSRRCKMiI&amp;index=11&amp;list=PL8dPuuaLjXtNdTKZkV_GiIYXpV9w4WxbX">https://www.youtube.com/watch?v=kdDSRRCKMiI&amp;index=11&amp;list=PL8dPuuaLjXtNdTKZkV_GiIYXpV9w4WxbX</a></p>

<p><b>The Future of Our Cities</b></p>	<p>This is a playlist of TED Talks that focus on concepts of urban planning from walkable cities, greening neighbourhoods, creating vibrant public spaces, and addressing challenges of suburban city design.</p>	<p><b>Source:</b> TED</p> <p><b>Link:</b>  <a href="https://www.ted.com/playlists/29/our_future_in_cities">https://www.ted.com/playlists/29/our_future_in_cities</a></p>
<p><b>Climate Change</b></p>	<p>This source explains the “5 scariest things” that can happen because of climate change. It was created by the Green Brothers.</p>	<p><b>Source:</b> SciShow (YouTube channel)</p> <p><b>Link:</b>  <a href="https://www.youtube.com/watch?annotation_id=annotation_560758&amp;feature=iv&amp;src_vid=kdDSRRCKMiI&amp;v=M2jxs7IR8ZI">https://www.youtube.com/watch?annotation_id=annotation_560758&amp;feature=iv&amp;src_vid=kdDSRRCKMiI&amp;v=M2jxs7IR8ZI</a></p>
<p><b>Simpleshow explains the Carbon Footprint</b></p>	<p>This source explains what a carbon footprint is.</p>	<p><b>Source:</b> simpleshow (YouTube Channel)</p> <p><b>Link:</b>  <a href="https://www.youtube.com/watch?v=8q7_aV8eLUE">https://www.youtube.com/watch?v=8q7_aV8eLUE</a></p>

<p><b>Climate Deal in Paris: Everything you need to know</b></p>	<p>This is an animated video on the Paris Agreement and goes into an explanation, though brief, of the happenings of the meeting and the future goals the 195 countries who signed the Paris Agreement want to achieve.</p>	<p><b>Source:</b> World Wildlife Fund <b>Link:</b> <a href="https://www.youtube.com/watch?v=I-4F5MJEeqs">https://www.youtube.com/watch?v=I-4F5MJEeqs</a></p>
<p><b>Renewable Energy</b></p>	<p>This is a series of short web-links that describes different sources of renewable and non-renewable energy from solar, wind, geothermal, and coal from a Canadian context.</p>	<p><b>Source:</b> David Suzuki Foundation <b>Link:</b> <a href="http://www.davidsuzuki.org/issues/climate-change/science/energy/?gclid=CjwKCAjw8rMBRBOEiwA2F2biBc7250y97whnNs0h-LWc4RNwyigN0koyWkdfAqRFjpNt1PdIwIajBoCi98QAvD_BwE">http://www.davidsuzuki.org/issues/climate-change/science/energy/?gclid=CjwKCAjw8rMBRBOEiwA2F2biBc7250y97whnNs0h-LWc4RNwyigN0koyWkdfAqRFjpNt1PdIwIajBoCi98QAvD_BwE</a></p>
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