

Grade range:	Title:	Topic:	Brief overview:	Producer:	Length of Video (Minutes: seconds)	Link:
7-12	<b>Farm Basics #1029 The Pros and Cons of No-Till (Air Date 12-24-17)</b>	Soil	This video explains the Pros and Cons of No-Till and discusses soil erosion. In Saskatchewan we use primarily No-Till. This video is based in the U.S.A. so their disadvantages vary slightly from ours's, but the basic principle is the same.	AgPhD	5:16	<a href="https://www.youtube.com/watch?v=5h9TknoaVsk">https://www.youtube.com/watch?v=5h9TknoaVsk</a>
7-10	<b>Erosion and Soil</b>	Soil	An awesome demonstration and explanation of how roots of plants hold onto the soil and prevent soil erosion!	Fun science demos	7:36	<a href="https://www.youtube.com/watch?v=im4HVXMG168">https://www.youtube.com/watch?v=im4HVXMG168</a>
7-12	<b>All Things SOIL Taxonomy</b>	Soil	A very detailed description of how soil is formed and its layers until (3:00), then after, a detailed	Atlas Pro	8:19 <i>(Recommend only watching)</i>	<a href="https://www.youtube.com/watch?v=BArbrfmsxeQ">https://www.youtube.com/watch?v=BArbrfmsxeQ</a>



			<p>description of soil orders and how they differ across the world, including a map of the distribution of these soil types across the planet (6:37). There is also a larger version of the map in the description.</p> <p>Discussion the main factors influencing soil type from 7:07 on.</p>		<p><i>until 3:00)</i></p>	
7-12	<p><b>Hydroponic farming looks to offer food stability across Canada.</b></p>	Plants	<p>A news story on hydroponics used in a restaurant. The basic idea of hydroponics is discussed as well as the impact of different types and colours of light on the growth of plants.</p>	<p>CBC News: The National</p>	2:44	<p><a href="https://www.youtube.com/watch?v=GjCDOgjRcMo">https://www.youtube.com/watch?v=GjCDOgjRcMo</a></p>



7-12	<b>Ag Minute #1004 in Why Are Farmers In a Rush? (Air Date 5-17-20)</b>	Farming	This video explains the importance of timing in farming. Great video to use as an introduction to discuss how the environment here may impact farmers.	AgPhD	1:00	<a href="https://www.youtube.com/watch?v=RPIIKK8v4BI">https://www.youtube.com/watch?v=RPIIKK8v4BI</a>
10-12	<b>Farming is Canada...</b>	Farming	A critical look at the impact of Agriculture on the environment and what Canada's role will be shaping the future of Agriculture – Great video to stimulate creative ideas of how to solve some of the current issues facing Canadian Agriculture.	CBC – Evan Fraser (Canadian research chair in Global Food Security & Director of the Arrell Food Institute at Gulf University)	3:34	<a href="https://www.youtube.com/watch?v=RWTB uX_jSJg&amp;t=64 s">https://www.youtube.com/watch?v=RWTB uX_jSJg&amp;t=64 s</a>
7-9	<b>How It's Made: Flour</b>	Food	A detailed look at how wheat becomes flour!	How It's Made	4:50	<a href="https://www.youtube.com/watch?v=u6k9z yi3OKo">https://www.youtube.com/watch?v=u6k9z yi3OKo</a>



7-9	<b>How It's Made: Canola Oil</b>	Food	A detailed look at how Canola oil is made!	How It's Made	5:00	<a href="https://www.youtube.com/watch?v=RApJ2fR-g5g">https://www.youtube.com/watch?v=RApJ2fR-g5g</a>
7-12	<b>How Chocolate is Made</b>	Food	From Bean to bar, follow how chocolate is made.	Tasty	3:30	<a href="https://www.youtube.com/watch?v=xPeljMuX32s">https://www.youtube.com/watch?v=xPeljMuX32s</a>
7-10	<b>How to Harvest Honey! Beekeeping with Maddie #12</b>	Food	In this video an enthusiastic woman shows how her mom and herself harvest honey from their 2 hives! Excellent video quality, videography and fun music choices.	Maddie Moate	8:47	<a href="https://www.youtube.com/watch?v=xnhmxNoo4EY">https://www.youtube.com/watch?v=xnhmxNoo4EY</a>

