



EDUCATOR RESOURCES

2021

In 2020, The BRWA developed two Arc GIS Story Maps to take Camrose students on a virtual tour of their waste cycles.

Liquid Waste Tour: <https://arcg.is/1vbq5n0>

Solid Waste Tour: <https://arcg.is/f19Ly>

Tour Stop	Learning Outcome	Educational Videos	Books	Games and Activities	Additional Links
Wastewater Treatment Lagoon	Where does our wastewater go?	Camrose Waste Water Lagoons by BRWA: https://youtu.be/rk-zY4lrNCK The Sewage Treatment Process by Unitylab*: https://www.youtube.com/watch?v=8isr9nSDCK4	The Magic School Bus at the Waterworks by Joanna Cole: https://www.amazon.ca/Magic-School-Bus-Waterworks/dp/0590403605	Water Purification Science Project + Video: https://www.homesciencetools.com/article/water-filtration-science-project/	Wood Buffalo Wastewater Treatment and Lagoons Information: http://www.rmwb.ca/Municipal-Government/municipal_departments/Environmental-Services-Department/Wastewater-Treatment-Plant-and-Lagoons.htm
Water Treatment Plant	How do we clean our drinking water? How can we use water wisely?	*Note for part 2 of the video, please be aware Camrose utilizes the same mechanical and biological processes to treat the water, though		The Case of the Disappearing Water Activity Booklet: https://www.epa.gov/sites/production/files/2015-08/documents/mgwc-ww-disap.pdf	Centers for Disease Control and Prevention, Community Water Treatment: https://www.cdc.gov/healthywater/drinking/public/water_treatment.html

	How can we reduce the amount of water we use?	<p>this takes place in a series of lagoons and reservoirs, not at a plant.</p> <p>How Does Water Get to Your House? By SciShow Kids: https://www.youtube.com/watch?v=cGi4PugN4qY</p> <p>Camrose: How much water do we use? By the BRWA: https://youtu.be/KWxMNDp9JKk</p>			
Dried Meat Lake	Our water cycle	<p>The Water Cycle by the Dr. Binocs Show: https://www.youtube.com/watch?v=ncORPosDrjI</p> <p>Riparian Management by Biodiversity Landowner's Guide: https://www.youtube.com/watch?v=YiaxoTkhnBA</p>		<p>Fix A Leak Week Activity Booklet: https://www.epa.gov/sites/production/files/2017-02/documents/ws-ourwater-falw-activitypage.pdf</p>	<p>National Geographic Kids, The Water Cycle: https://www.natgeokids.com/uk/discoverscience/nature/water-cycle/</p>
Jubilee Park	Camrose storm water, and how the natural world recycles, Camrose water cycle	<p>How Does Water Get to Your House? By SciShow Kids: https://www.youtube.com</p>	<p>All the Way to the Ocean by Joel Harper</p> <p>Hardcover: https://www.amazon.ca/All-Way-Ocean-Joel-Harper/dp/0971425418</p>	<p>How Much Water Runs Off Activity: https://water.unl.edu/documents/How%20Much%20Water%20Runs%20Off%20opt.pdf</p> <p>Stormwater Activity Book: https://extension.usu.edu/wa</p>	<p>Understanding Stormwater Management, Province of Ontario: https://www.ontario.ca/page/understanding-stormwater-management-introduction-stormwater-management-planning-and-design</p>

		/watch?v=cGi4PugN4qY Freddy the Fish Teaches About Stormwater: https://www.youtube.com/watch?v=jjPfLhJbdc0	Animated Audio: https://www.youtube.com/watch?v=sZW2ByM623g	terquality/files-ou/Kids-page/Stormwater-Activity-Book.pdf	
Center Cam Recycling Centre	Reduce, Reuse and Recycle	How Recycling Works by SciShow Kids: https://www.youtube.com/watch?v=VIRVPum9cp4	Not For Me Please!, I Choose To Act Green by Maria Godsey: https://www.amazon.com/dp/1986909328/ref=cm_sw_r_tw_dp_U_x_OSHnDbGZXBQ1M	Recycled Toilet Paper Roll Bird Feeders: https://www.theresourcefulmama.com/toilet-paper-roll-bird-feeders/	Government of Alberta waste management information: https://www.alberta.ca/waste-management.aspx City of Camrose garbage, recycling, and composting information: https://www.camrose.ca/en/living-here/garbage-and-recycling.aspx#Reducing-Your-Waste
City of Camrose Landfill	Where does our waste go and what happens to it?	How Plastic Hurts the World by SciShow Kids: https://www.youtube.com/watch?v=VUUUxOl715s Bill Nye the Science Guy- Garbage: https://www.youtube.com/watch?v=JqUm3M1cpi8	Where Does the Garbage Go? by Paul Showers: https://www.amazon.com/Where-Garbage-Lets-Read-Find-Out-Science/dp/0062382004	The Case of the Broken Loop Detective Activity: https://www.dakotavalleyrecycling.org/images/educators/Case_of_the_Broken_Loop.pdf	Waste Reduction Week Canada school resources: https://wrwcanada.com/en/get-involved/resources/tool-kits/schools Austin EcoNetwork- How to Create A Zero Waste Classroom: https://austineconetwork.com/how-to-create-a-zero-waste-classroom/