

Our Water Resources!

Through the three videos in this activity, students will learn about the basics of our water, some problems facing our water resources and what can be done to restore and protect our water resources!

You can also find a series of Sudbury specific water facts to the right that you can share with students.

Questions and Videos

The videos are broken down into three short 5 minute videos for students and can be found at the links below:

Basics of Water:

<https://www.youtube.com/watch?v=oaQCiwzjnCM>

Fresh Water Problems:

<https://www.youtube.com/watch?v=jNOc7mHr5gI>

Fresh Water Future:

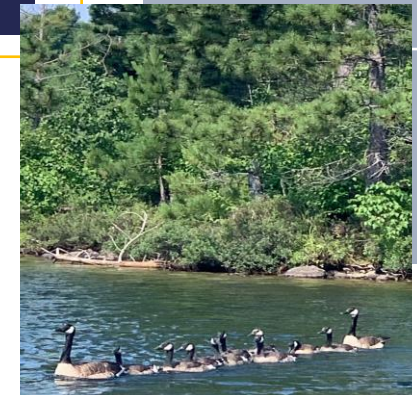
<https://www.youtube.com/watch?v=N9DhJB25Efc>

Questions for Students

Techers are encouraged to ask students questions after each video in a group setting. Some suggested questions can be found on page 2 but we encourage you to come up with more if you see fit.

Sudbury Water Facts

- 1) Sudbury has over 330 lakes, more lakes in a single municipality than any other municipality in Canada!
- 2) In 2009, over 7000 people or 4% of the population lived on a lake!
- 3) Over 601 square kilometers, or 16.5% of the City's total surface area is covered by water!
- 4) Lake Wanapitei alone is over 132 square kilometers which is the largest city-contained lake in the world!



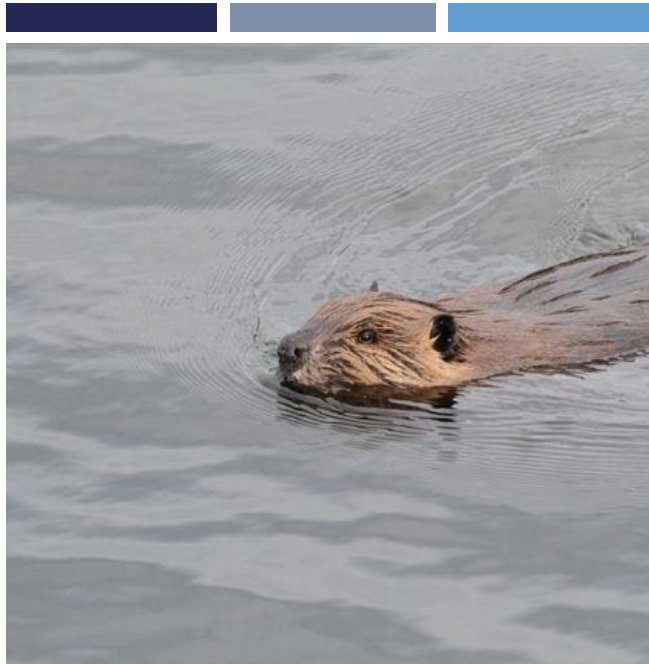


Basics of Water Questions

- 1) There are two main types of water, what are they?
Answer: Freshwater and Saltwater
- 2) Where can you find the most water in one place in the world?
Answer: The oceans
- 3) What percentage of water in the world is freshwater?
Answer: 3% total, 1% available on the surface
- 4) Where can you find the most freshwater in Canada?
Answer: The Great Lakes
- 5) Name something that needs fresh water to live?
Answer: Fish, Mammals, Birds etc

Fresh Water Problems

- 1) If you go on a hike on a hot sunny day, what is something you should pack?
Answer: Water!
- 2) Why can we only access 1% of Earth's fresh water?
Answer: The rest of the fresh water is found deep underground or frozen in glaciers
- 3) Can you name a lake, river or stream in Sudbury?
Answer: Ramsey, Long Lake, Junction Creek etc
- 4) What types of things do people use water for other than drinking water?
Answer: Farming, watering lawns, showering etc



“Sudbury is home to over 330 lakes, more lakes than any other municipality in Canada!”

Fresh Water Future Questions

- 1) How have humans impacted the amount and/or quality of the world's water?
Answer: Overuse/overharvesting, pollution, dams etc
- 2) How does a dam impact fish in the Elwha River in Washington State?
Answer: Slows the water down, warmer temperatures, lower fish population, less space to live
- 3) What can you do to reduce your water use?
Answer: Showering less, watering your gardens less, using rain barrels to collect water etc