



The AVA Project



Water Scarcity and Conservation

How do you use water?



Small Group Activity:

- discuss how you used water today
- draw pictures and write words to describe the ways in which we use water on Earth
- be ready to share!



Why Should We Care?

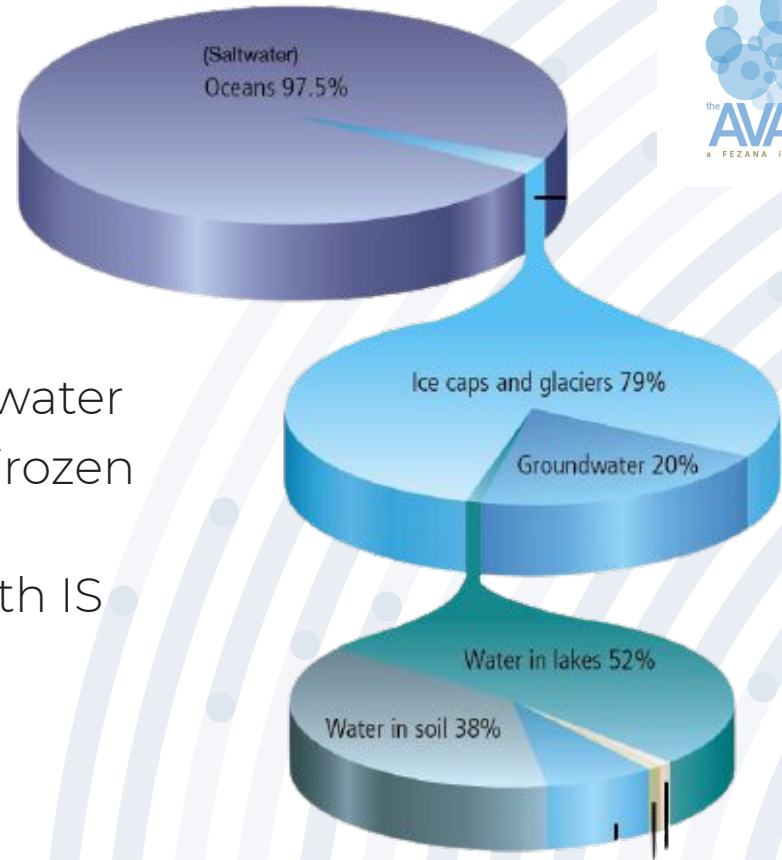
Clean drinking water is unavailable in many parts of the world.



Water on Earth

Did you know that...

- 97% of the water on Earth is salt water
- 2% of the freshwater on earth is frozen in glaciers and icecaps
- less than 1% of freshwater on Earth IS accessible to humans



Human Activities Affect Our Water Supply

Negative Human Impact:

- pollution and contamination of water sources
- overuse
- agricultural and industrial practices
- water diversion and export



What causes drinking water to be contaminated?

Three types of contaminants:

- biological
- chemical
- physical



Water Scarcity

Clean drinking water is necessary for life!

A lack of clean water results in:

- poverty
- disease
- death



What Can We Do?

We can change our habits to conserve more water.



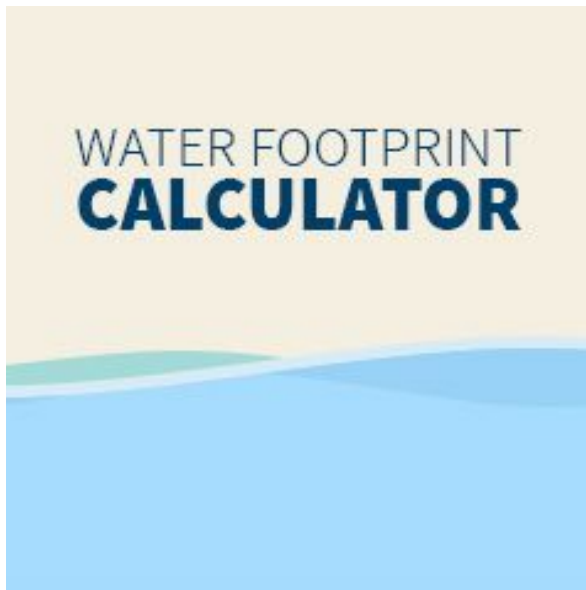
Human Activities Affect Our Water Supply

Positive Human Impact:

- be aware of your habits
- find ways to conserve water
- dispose of substances properly
- stewardship
- take action locally and/or globally



What's Your Water Footprint?



Be Water Wise!

Be mindful of your water use and change your habits.

- take shorter showers
- turn off the tap
- use water efficient machines and devices
- drink tap water and take your reusable water bottle with you

What else can you do at home?



Proper Disposal of Substances

You can avoid contaminating our water bodies by disposing your household hazardous items properly!

Research your local recycling and waste depots to learn more.



Stewardship Opportunities

Be a changemaker!

- help plant trees
- plant native species in your garden
- grow native aquatic plants and place them in a local wetland (check with local conservation authorities)
- help clean local water bodies



Think Globally, Act Locally!

Be a global citizen!

- your actions help to reduce climate change and impact people around the world
- raise awareness about local and global issues surrounding water
- join local environmental events
- volunteer with various environmental organizations





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Farahnaz is a grade 7/8 teacher in Toronto, Ontario, Canada. She is passionate about environmental education and believes in the importance of providing students with opportunities to lead and create change as advocates and stewards for our Earth. In 2015, Farahnaz's class proudly accepted the RBC-Evergreen Watershed Champions Award for their inquiry on a local water system.