

## Water Inquiry Topics

- What lives in the deepest parts of the ocean and how can it survive there??
- What is a watershed? How does water flow through its environment?
- Where does our pollution end up? What about our litter, like our plastic bags?
- What are some ways that we may be displacing water and affecting our reservoir water levels? Although we can reduce the amount of water in a given area, will the water cycle stop all together?
- Build your own grey water system
- Do we need to do a better job with water conservation?
- Does inequality exist with ensuring access to water
- How is the hydrosphere connected with the geosphere and the atmosphere?
- Why might water be considered Earth's most important resource?
- Water as a unique resource:
  - fresh water (e.g., rivers, glaciers, groundwater)
  - salt water (e.g., oceans, salt lakes)
  - resource concerns (e.g. aquifer depletion, sea water intrusion, contamination from landfills and industry).
- First Peoples knowledge and perspectives of water resources and processes
- Properties of the ocean and the ocean floor
  - determined by remote sensing and direct observation
- Local and global ocean currents
- Influences of large bodies of water on local and global climates
- Effects of climate change on water sources
- Water as a source of renewable and useable energy
- Weather as the interaction of water, air, and energy transfer
- Coastal erosion and beaches