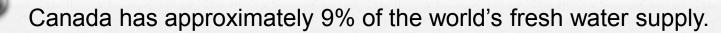
Examples of Natural Systems

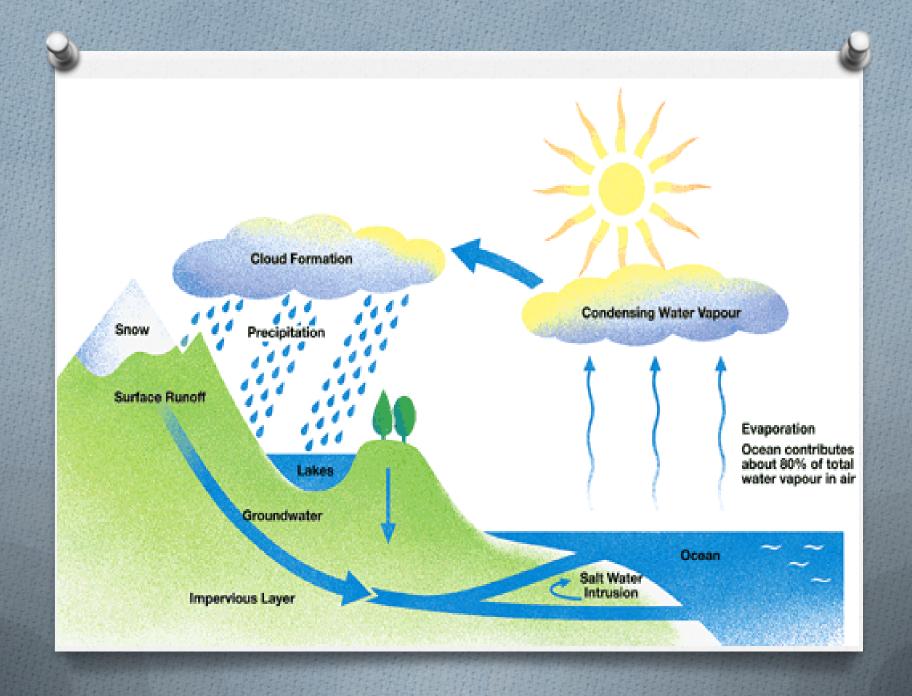


- Is the natural system that involves the circulation of water to support life on Earth.
- The water on Earth is continuously flowing and changing state from gas (water vapour), to liquid, to solid (ice).
- The Earth never loses or gains any water.
- It is a CLOSED SYSTEM and the water in that system is constantly recycled.





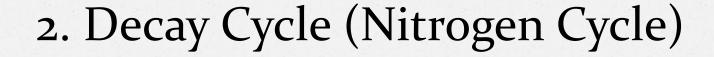
Most of Canada's fresh water is located in unhabituated areas and in AQUIFIERS (which are layers of porous rock that can store large quantities of water.)





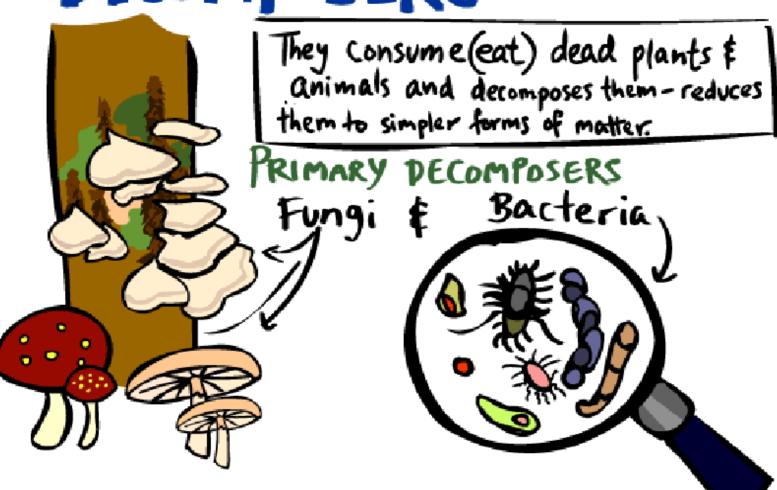
http://earthguide.ucsd.edu/earthguide/diag rams/watercycle/

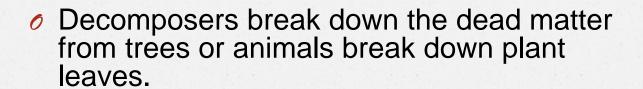
http://earthguide.ucsd.edu/earthguide/diag rams/groundwater/index.html



- In natural systems there is no waste.
- Creatures such as fungi and bacteria act as DECOMPOSERS to eat and recycle nature's waste material.
- When leaves fall to the ground they are broken down by decomposers and the leaves nutrients are passed back into the soil for other plants to use.
- This process of decomposition and regeneration in nature is called the DECAY CYCLE.







- Nutrients are released back into the soil.
- Roots of trees absorb these nutrients.
- Nutrients travel up the trunk and are used as energy for growth.
- Consumers eat the leaves of trees or the dead leaves fall back to the ground.