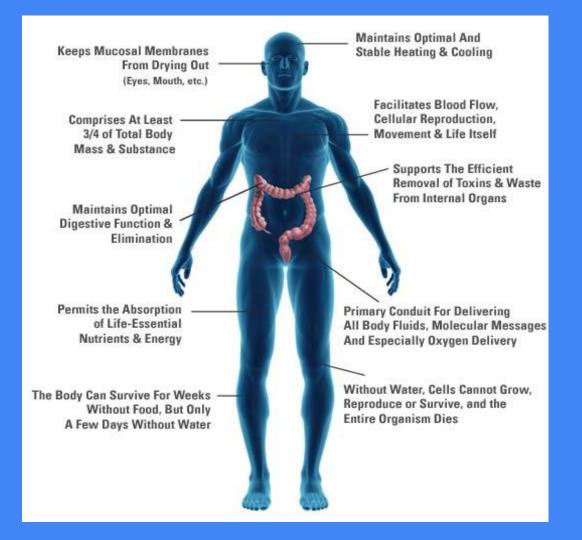
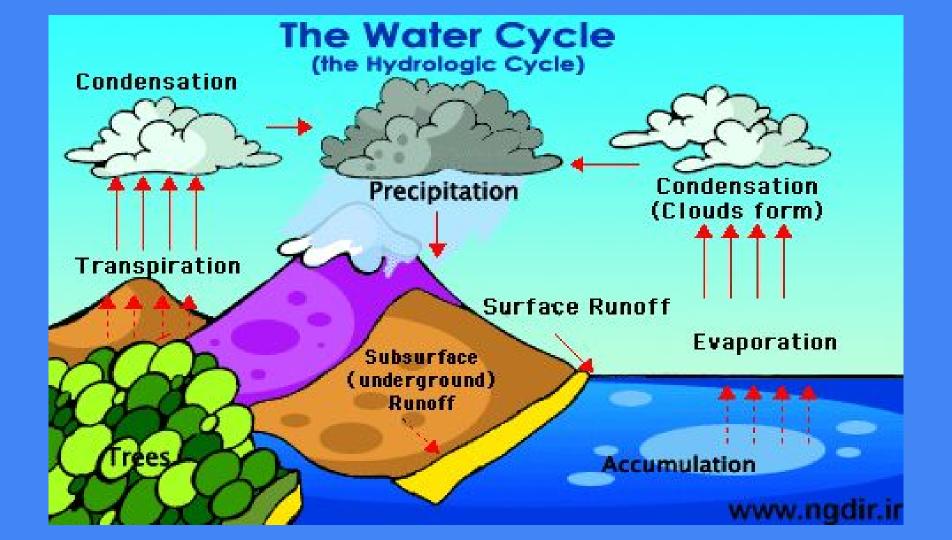
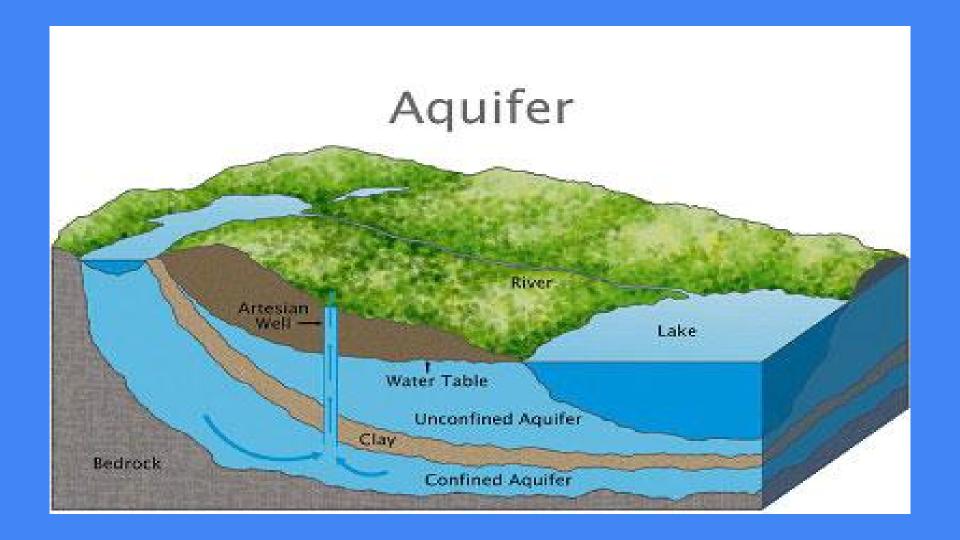


Water is crucial to life on Earth.











Increase salinity Decrease salinity Evaporation Precipitation of rain of WATER seawater or snow CYCLE **EFFECTS** ON OCEAN SALINITY Melting of ice Freezing River of seawater runoff Groundwater flow to ocean

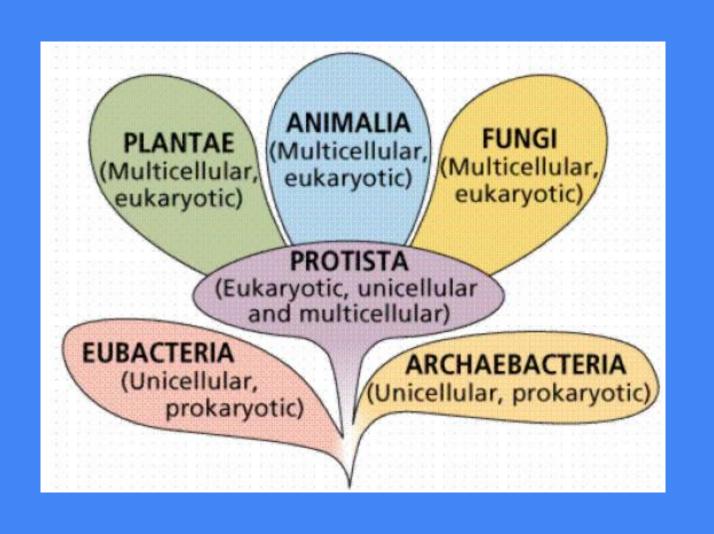












Water systems influence climate and weather patterns.

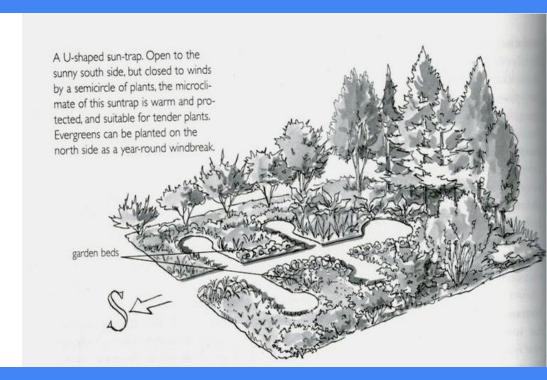
What is Climate?

Climate: the average, year-after-year conditions of temperature, precipitation, winds, and clouds in an area

What is Microclimate?

Microclimate: climate conditions within a small area that differ from those in the surrounding area

 This is why is it cooler in a patch of trees than in an open field















Water is an important resource that needs to be managed sustainably.









Water your yard and outdoor plants early or late in the day to reduce evaporation.



Use plants that require less water.







Use a low flow showerhead.

Wash only full loads.



Turn off the water while soaping hands and brushing teeth.









Us a broom. not a hose. to clean driveways and walkways











- QUESTION
- COLLABORATE
- CONNECT
- PLAN
- PRODUCE
- SHARE

QUESTION

-develop questions about the topics addressed in this slide presentation

COLLABORATE

- -with a group of your peers, share your questions and determine which you would like to learn more about
- -develop a focus for an inquiry that incorporates the big ideas of this unit

CONNECT

- -use various research tools that will help you to conduct your inquiry
- -make connections either locally or globally that will help you to understand and explain your topic

PLAN

-create a plan of action (how will you plan, create,

and share your work)

PRODUCE

- -make something that demonstrates your learning that others can look at and comment on
- -connect your inquiry to the real world
- -use technology

SHARE

-share your work using technology

(with more than just your class)

REFLECT

-reflect on the process and results of your inquiry

