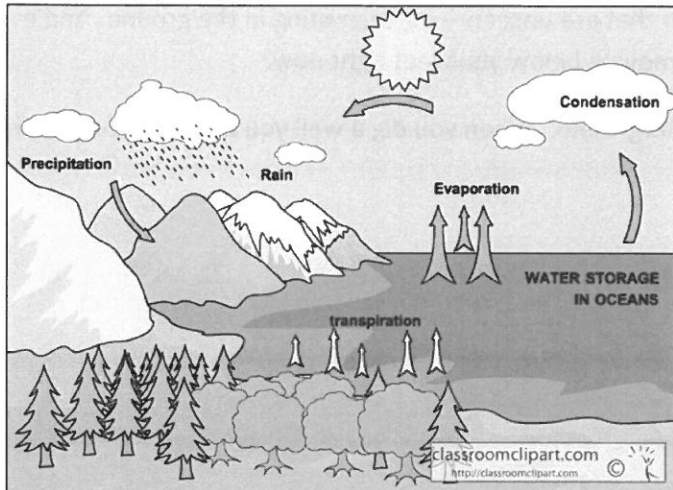


Lake and Fish

Background Information

Water Cycle



Vocabulary

Precipitation - Precipitation is water released from clouds in the form of rain, freezing rain, sleet, snow, or hail. Most precipitation falls as rain.

Infiltration - Infiltration happens when water soaks into the soil from the ground level. It moves underground and moves between the soil and rocks.

Plant Uptake – Some of the water in the soil is soaked up by plant roots to help plants grow. This water moves up through the plant to the leaves.

Transpiration - Transpiration is the process by which moisture is carried through plants from roots to small pores on the underside of leaves, where it changes to vapor and is released to the atmosphere. Transpiration is essentially evaporation of water from plant leaves.

Condensation - Condensation is the process by which water vapor in the air is changed into liquid water. Condensation is crucial to the water cycle because it is responsible for the formation of clouds.

Evaporation - Evaporation is the process by which water changes from a liquid to a gas or vapor. Evaporation is the primary pathway that water moves from the liquid state back into the water cycle as atmospheric water vapor.

Accumulation – Water that falls as precipitation eventually gathers in streams, lakes, oceans, and underground in aquifers. This is called accumulation.

Sublimation - Sublimation is the conversion between the solid and the gaseous phases of matter, with no intermediate liquid stage. Sublimation is most often used to describe the process of snow and ice changing into water vapor in the air without first melting into water.

Groundwater Flow - You see water all around you every day as lakes, rivers, ice, rain and snow. There are also vast amounts of water that are unseen—water existing in the ground. And even though groundwater is unseen, it is moving below your feet right now.

Aquifer – Large deposit of water underground. When you dig a well you are extracting water from an aquifer.

Watersheds

Water Quality