There are over 35 lesson plans in the National Weather Service education website JetStream - An Online School for Weather, a free resource at www.srh.weather.gov/jetstream.
Evaporation is the change of state of water (a liquid) to water vapor (a gas). Oceans, seas, lakes, and rivers provide nearly 90% of the moisture in the atmosphere via evaporation.

Sublimation is the process where ice and snow (solids) change into water vapor (a gas) without going through the liquid phase. Glaciers can experience the loss of ice due to this process.

Precipitation is the transfer of water, snow, or ice from clouds to the earth. Most precipitation falls as rain. Around 313,000 cubic miles (515,000 cubic km) of water falls each year, mainly over the ocean.

Infiltration refers to water that penetrates into the surface of soil. Percolation is water movement past the soil deep into groundwater.

Surface flow is the river, lake, and stream transport of water from land to the oceans. Groundwater is the flow of water deep underground and may return to the surface in springs or seep into the oceans.

Plant uptake is water removed from the soil and subsurface water flow via roots to be used by the plant. How much of the water that plants use reaches the atmosphere is a question of high importance right now.
Learn more about the water cycle in

JetStream - an Online School for Weather

www.srh.noaa.gov/jetstream/atmos/hydro.htm

JetStream is a free resource to learn the how’s and why’s of weather. There are over 35 lesson plans in JetStream.

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