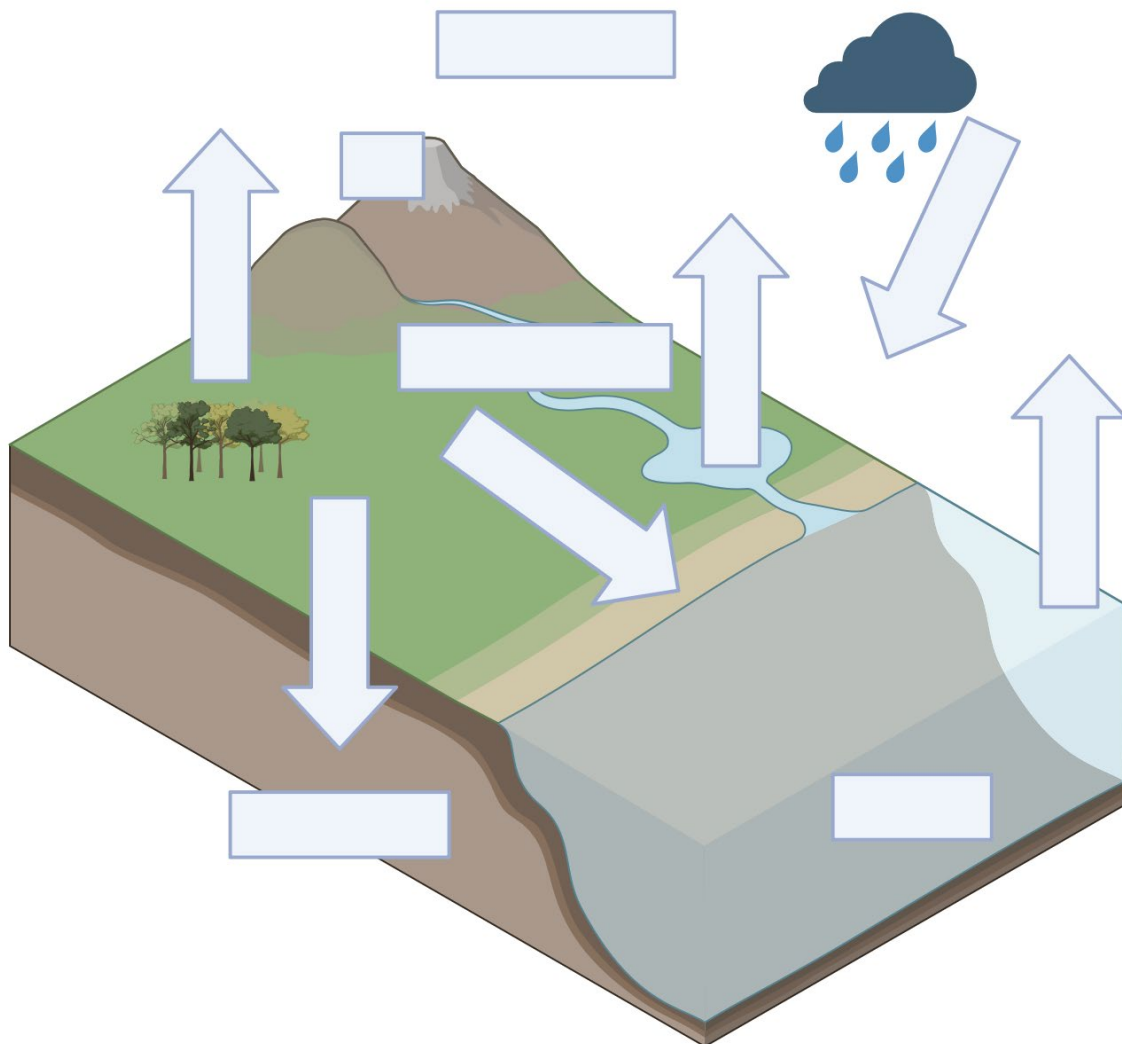


Name: _____

Lesson 2.1 (Understanding the hydrologic cycle)

Activity

1. Label the following storages in the boxes of the diagram below: surface water, ocean, groundwater, ice, atmosphere. Also indicate the state (gas, liquid, solid) under each box.
2. Label the following processes in the arrows of the diagram below: runoff, infiltration, precipitation, transpiration, evaporation (used twice). Also indicate the state change (or lack of change) next to each arrow, for example: liquid \rightarrow gas.



3. Identify three human activities that would affect the hydrologic cycle and what that effect might be.

a. Human activity:

Effect on the hydrologic cycle:

b. Human activity:

Effect on the hydrologic cycle:

c. Human activity:

Effect on the hydrologic cycle:

4. Identify two changes in the hydrologic cycle might affect the ecology in a stream.

a. Change in the hydrologic cycle:

Potential effect on stream ecology:

b. Change in the hydrologic cycle:

Potential effect on stream ecology: