

# Water Cycle Digital Resource Teacher Support

*Where does water come from?*

This digital resource is found on the digital course.

**Purpose** Students will identify evidence that shows that water cycles through Earth's systems, as well as identify the driving forces involved. Students will also develop models to describe the cycling of water through Earth's systems.

**Class time** 25 minutes

## Sample Answers

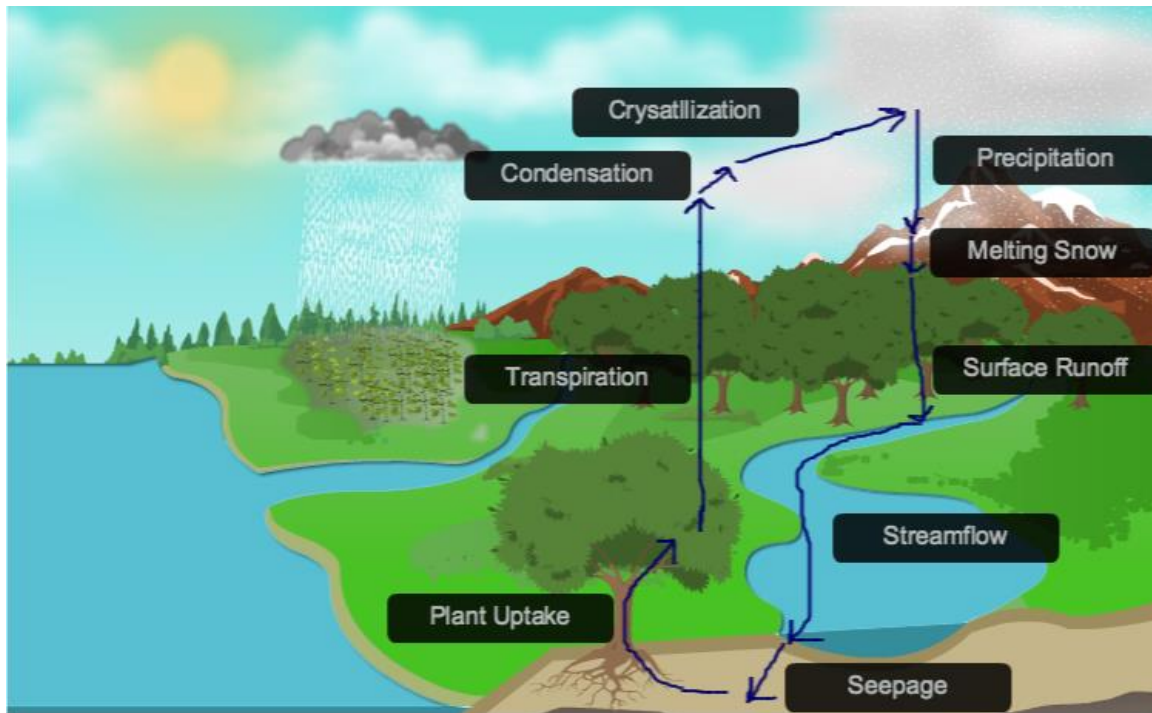
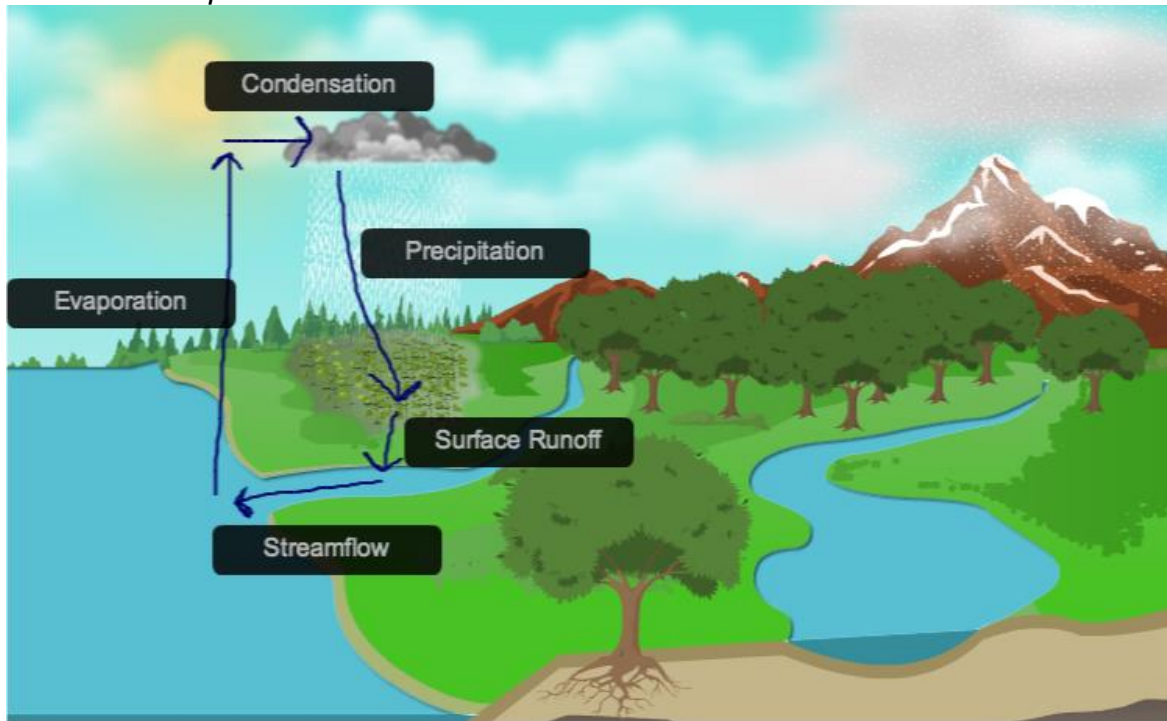
### Record Data and Observations

1. *Sample table:*

1	clouds forming
2	water level in stream going down (seepage)
3	water flowing down the stream
4	plants growing (must be taking up water through their roots)
5	rain drops evaporating off the surfaces of leaves

2. Accept all reasonable responses. Capillary action is involved when a plant takes up water from the ground and distributes the water to the rest of the plant. Air currents move clouds from one location to another location. Ocean currents and tides move seawater from one location to another location. Cooler air temperatures, adhesion of water droplets to dust particles, and hydrogen bonding between individual water molecules are involved in condensation and cloud formation.

3. Sample models:



**Analyze and Conclude**

1. Accept all reasonable responses.