

Water's Round Trip

Sun energy starts water moving around Earth.

3.7 "The student will investigate and understand that there is a water cycle and water is important to life on Earth. Key ideas include there are many reservoirs of water on Earth; the energy from the sun drives the water cycle..."

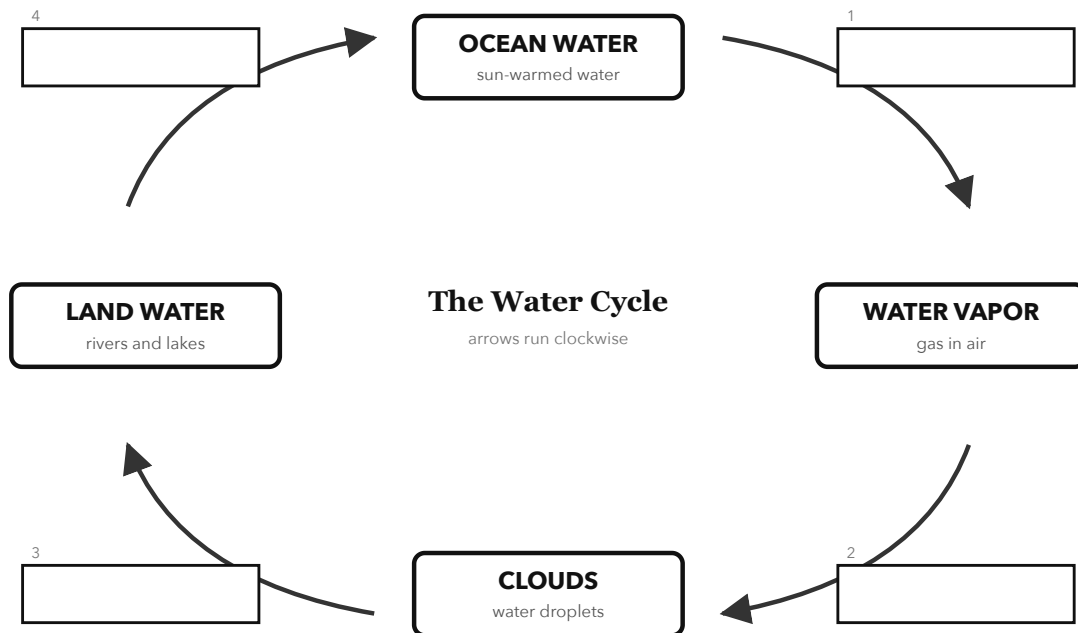
NAME _____

DATE _____

1 LABEL THE MODEL _____ Word bank below

Write one word-bank process in each numbered box. Word bank: sun-driven evaporation, condensation, precipitation, runoff.

WORD BANK	condensation	precipitation	runoff	sun-driven evaporation
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2 RUN THE MODEL Use your finished diagram

1 Which process changes OCEAN WATER into WATER VAPOR?

2 Which process moves water from CLOUDS to LAND WATER?

3 Which stage comes right after LAND WATER in the model?

3 CHECK IT Before you turn it in

☐ I wrote a process in each box.

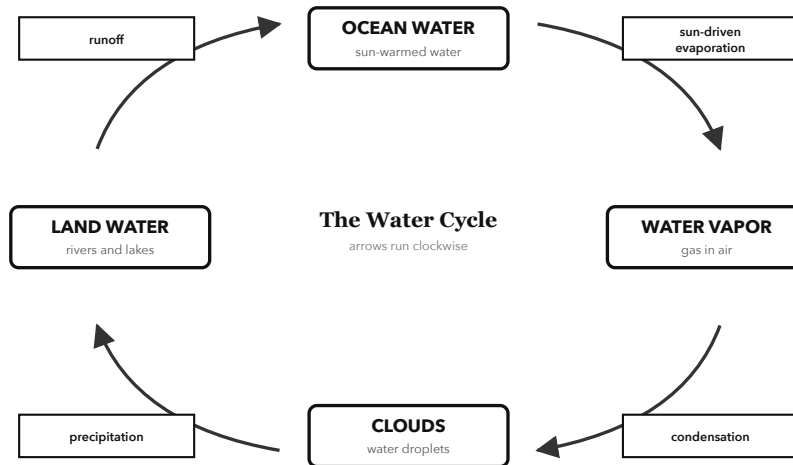
☐ I checked that my processes follow the arrows.

☐ I used each word-bank process once.

TEST THE MODEL

What is one part of the real water system that this model leaves out?

PART 1 • COMPLETED MODEL



PART 2 • RUN THE MODEL

1. **sun-driven evaporation** (Which process changes OCEAN WATER into WATER VAPOR?)
2. **precipitation** (Which process moves water from CLOUDS to LAND WATER?)
3. **OCEAN WATER** (Which stage comes right after LAND WATER in the model?)

TEST THE MODEL (SAMPLE ANSWERS)

- It leaves out water soaking into the ground.
- It leaves out water freezing into ice or snow.

The arrows show evaporation, condensation, precipitation, and runoff in order. The model is simplified because water can also soak into the ground, freeze, melt, and move through plants.