

Water on the Move

Complete the water cycle model.

5.12 "Organisms and environments. The student describes patterns, cycles, systems, and relationships within environments. The student is expected to: observe and describe how a variety of organisms survive by interacting with biotic and abiotic..."

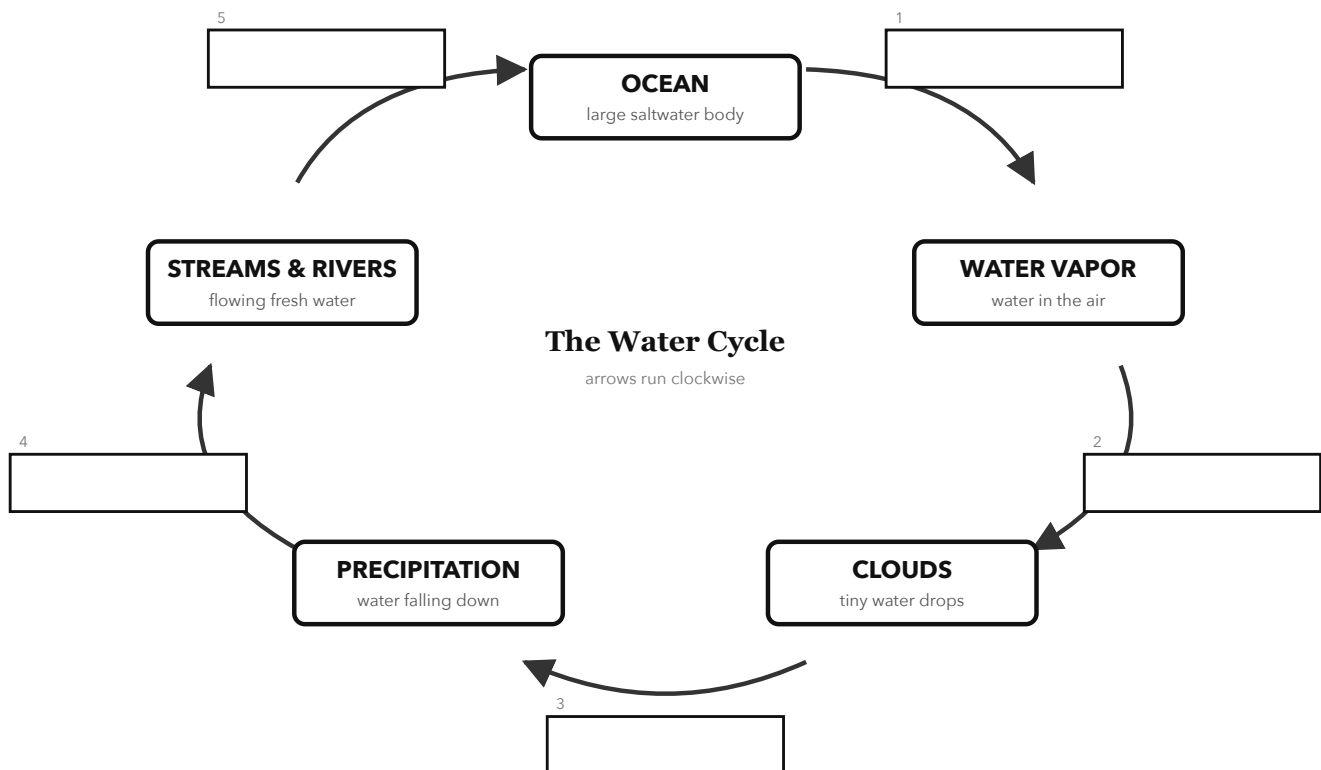
NAME _____

DATE _____

1 LABEL THE MODEL _____ Word bank below

Write one word-bank process in each numbered box on the arrows. Use each process once to show how water moves through the cycle.

WORD BANK	condensation	evaporation	flow	precipitation	runoff
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2 RUN THE MODEL _____ Use your finished diagram

1 Which process moves water from the ocean into the air?

2 What stage comes right after water vapor in this model?

3 If ocean water becomes warmer, which process may happen faster?

3 CHECK IT _____ Before you turn it in

☐ I used each process once.

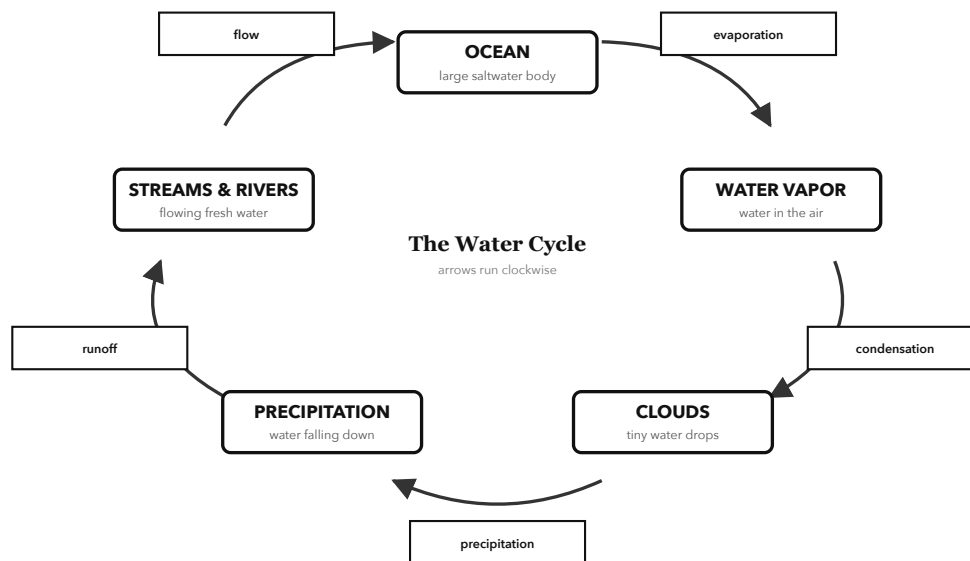
☐ I checked that every arrow moves water to the next stage.

☐ I can explain how water returns to the ocean.

TEST THE MODEL

What is one way that real water movement is more complex than this model shows?

PART 1 • COMPLETED MODEL



PART 2 • RUN THE MODEL

1. **Evaporation.** (Which process moves water from the ocean into the air?)
2. **Clouds.** (What stage comes right after water vapor in this model?)
3. **Evaporation may happen faster.** (If ocean water becomes warmer, which process may happen faster?)

TEST THE MODEL (SAMPLE ANSWERS)

- It leaves out water soaking into the ground and becoming groundwater.
- It leaves out plants taking in water and releasing water vapor.

Processes in arrow order are evaporation, condensation, precipitation, runoff, and flow. Accept equivalent wording such as river flow for flow.