

Water's Loop Route

Trace water as it travels in a repeating loop.

S4E3.b "Develop models to illustrate multiple pathways water may take during the water cycle (evaporation, condensation, and precipitation)."

NAME _____

DATE _____

1 LABEL THE MODEL _____ Word bank below

Write one word-bank process in each numbered box. Follow the arrows around the loop to show how water moves from one stage to the next.

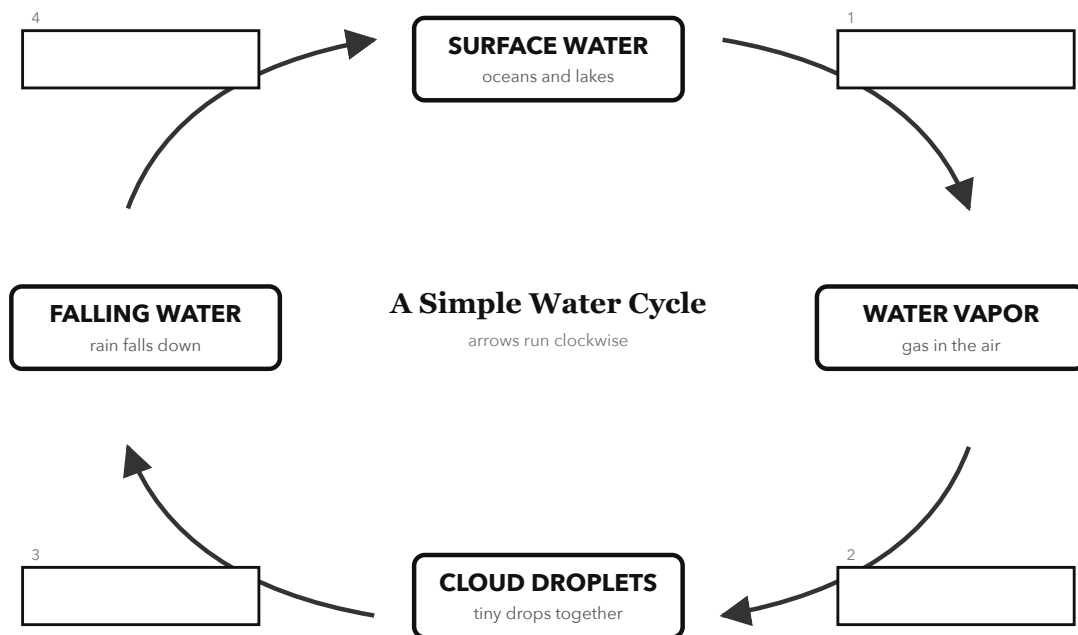
WORD BANK

Collection

Condensation

Evaporation

Precipitation



2 RUN THE MODEL Use your finished diagram

1 Starting at SURFACE WATER, what are the next two processes in order?

2 Which process moves water from CLOUD DROPLETS to FALLING WATER?

3 Which stage comes after FALLING WATER in the model?

3 CHECK IT Before you turn it in

☐ I used each word-bank process once.

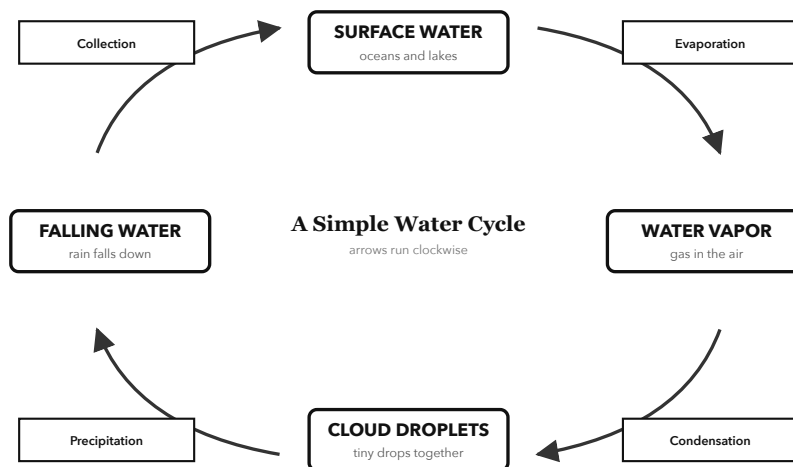
☐ I followed the arrows around the loop.

☐ I checked for evaporation, condensation, and precipitation.

TEST THE MODEL

What is one way water can move that this model leaves out?

PART 1 • COMPLETED MODEL



PART 2 • RUN THE MODEL

1. **Evaporation, then condensation.** (Starting at SURFACE WATER, what are the next two processes in order?)
2. **Precipitation.** (Which process moves water from CLOUD DROPLETS to FALLING WATER?)
3. **SURFACE WATER.** (Which stage comes after FALLING WATER in the model?)

TEST THE MODEL (SAMPLE ANSWERS)

- Water can soak into the ground.
- Plants can release water vapor into the air.

Arrow boxes in order from SURFACE WATER are Evaporation, Condensation, Precipitation, and Collection. Accept correct lowercase spellings.