

Water's Changing Loop

Trace water through changing states.

SC.5.E.7.1 "Create a model to explain the parts of the water cycle. Water can be a gas, a liquid, or a solid and can go back and forth from one state to another."

NAME _____

DATE _____

1 LABEL THE MODEL _____ Word bank below

Write one word-bank process in each numbered box. Use each process once, and follow the arrows around the cycle.

WORD BANK

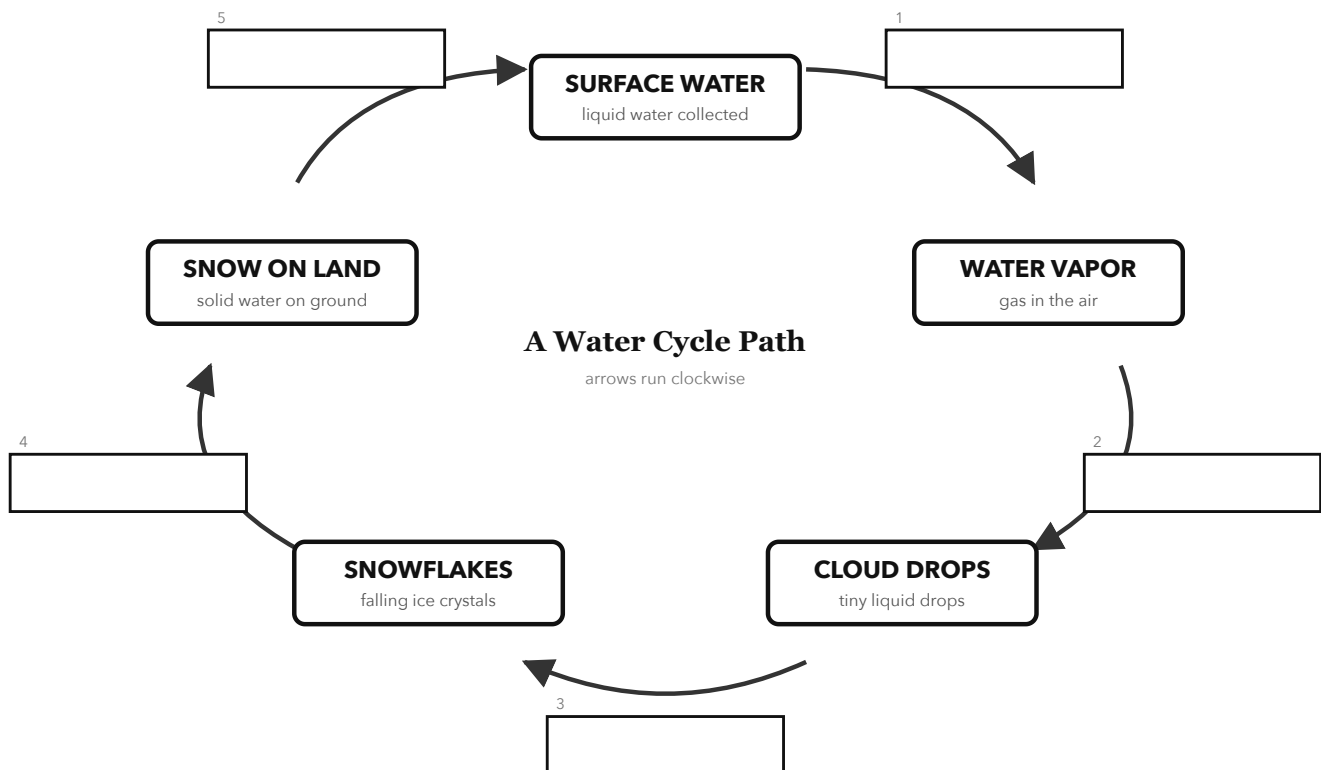
condensation

evaporation

freezing

melting

precipitation



2 RUN THE MODEL _____ Use your finished diagram

1 Which process changes surface water into water vapor?

2 What stage comes after CLOUD DROPS in the model?

3 Which process changes snow on land back into surface water?

3 CHECK IT _____ Before you turn it in

☐ I used each process once.

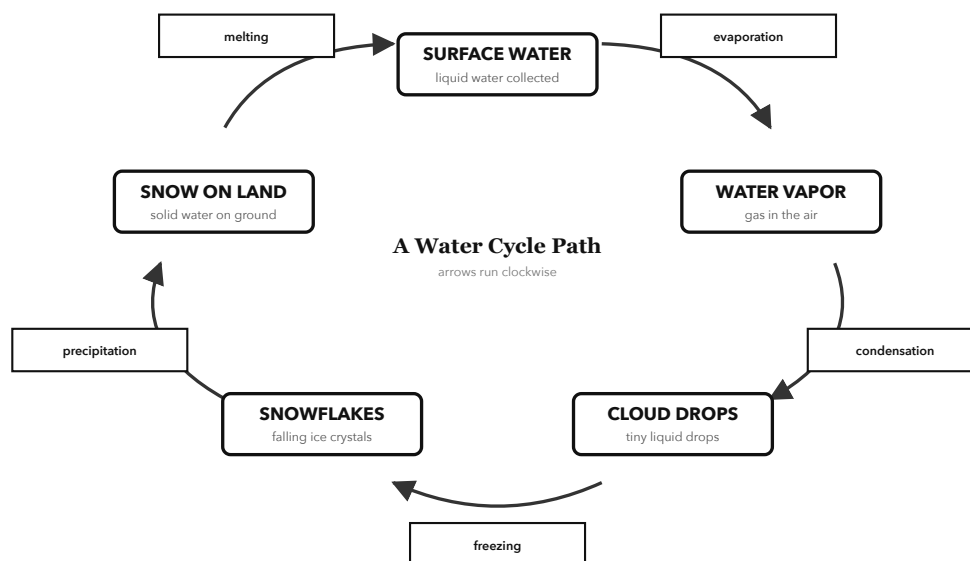
☐ I followed the arrows around the loop.

☐ I can find liquid, gas, and solid water in the model.

TEST THE MODEL

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

PART 1 • COMPLETED MODEL



PART 2 • RUN THE MODEL

1. **Evaporation.** (Which process changes surface water into water vapor?)
2. **SNOWFLAKES.** (What stage comes after CLOUD DROPS in the model?)
3. **Melting.** (Which process changes snow on land back into surface water?)

TEST THE MODEL (SAMPLE ANSWERS)

- It leaves out rain falling from clouds.
- It leaves out water soaking into the ground.

Process boxes in arrow order are: 1. evaporation, 2. condensation, 3. freezing, 4. precipitation, 5. melting.
This simplified path shows one snow route through the water cycle.