

Water's journey

Science · 5 · 18 min

Name: _____ Class: _____ Date: _____ Score: _____ / 10

Think of a puddle after rain. Where does its water go when the sun comes out?

What I will be able to do

- I recognise liquid water and water vapour.
- I connect the four stages of the cycle.

Key words

- **Evaporation:** Liquid water becomes vapour.
- **Condensation:** Vapour cools into droplets.
- **Precipitation:** Water falls from clouds.
- **Collection:** Water gathers on Earth.

Warm-up

Write one place where you see water.

1. Where is there water around you?

Answer: Sea, river, glass or puddle.

Task 1: Choose (3 min)

Circle what happens to a puddle in sunshine.

- ☐ Water becomes vapour.
- ☐ Water stops existing.
- ☐ Water becomes stone.

Help: Think: the sun warms the water.

★ **Challenge:** Why do wet clothes dry?

Answer: Liquid water becomes vapour.

Task 2: Connect (5 min)

Join each word to its explanation.

Evaporation	•	•	Vapour cools into droplets.
Condensation	•	•	Water falls from clouds.
Precipitation	•	•	Water gathers on Earth.
Collection	•	•	Liquid water becomes vapour.

Help: Look for 'cools' for condensation.

★ **Challenge:** At which stage can a cycle begin?

Answer: See the correct pairs in the teacher edition.

Answer: Evaporation → Liquid water becomes vapour. · Condensation → Vapour cools into droplets. · Precipitation → Water falls from clouds. · Collection → Water gathers on Earth.

Task 3: Find the mistake (5 min)

Correct: 'Clouds are water vapour we can see'.

Help: Start: 'Clouds contain...'

★ **Challenge:** What makes vapour become droplets?

Answer: Clouds contain tiny water droplets or ice crystals. Water vapour is invisible.

Check before you hand in

- ☐ I connected all four words.
- ☐ I did not say water disappears.

Exit ticket

What provides energy for evaporation?

Answer: Heat from the sun.

Teacher notes

Timing: 3' warm-up · 13' tasks · 2' exit

Differentiation

- Read instructions aloud. Accept oral rehearsal before writing.
- Year 2: use handwriting bands. Year 5: ask for causal explanations.

Common errors

- Water vapour is invisible. Clouds contain droplets or ice crystals.

Marking tips

- Give feedback on the explanation, not spelling of technical terms.