

Scientific terms

Water purification, evaporation, accumulation, condensation, precipitation and percolation, wastewater treatment

First name: _____

School: _____

Year group: _____

Date: _____

Case Report

The case of the missing water drop
The water cycle

Write in the six stages of the water cycle here. Make sure they are in the correct order. Include all the scientific terms provided.



Write below the line so that there is space to glue on your flaps.

1

Glue here

2

Glue here

3

Glue here

4

Glue here

5

Glue here

6

Glue here

The case of the missing water drop

H₂O's Journey through the water cycle



Draw H₂O's six-part journey on these squares. Use speech bubbles to tell the story, and pictures to show where she went.



Cut out each square and glue it onto your main sheet to create your flaps.

1

2

3

4

5

6

Optional scientific statements

You may choose to use these statements in place of writing out the water cycle. Pupils should cut them out and order them, before sticking them on their case report, ready for the flaps.



Water purification

Southern Water collects the water and cleans it at a **clean water treatment works** for local people to use.

Evaporation

Water at the surface of seas, lakes, rivers, puddles and damp ground is heated by the sun and **evaporates** into **water vapour**, a gas.

Accumulation

Once the **wastewater** is clean, it is returned safely to local **rivers** and **streams**. The rivers and streams run into **estuaries**, which empty into the **sea** where the water **accumulates**.

Condensation

Water vapour **rises** and **cools**. It **condenses** back into **liquid** water droplets which form clouds.

Precipitation and percolation

When the water droplets in a cloud get too **heavy**, they fall as rain, sleet or snow. This is known as **precipitation**. The water lands in rivers or lakes, or on the ground where it seeps underground. This is called **percolation**.

Wastewater treatment

Wastewater that people have finished using, goes down the drain and into a pipe, to be transported to a wastewater treatment works where it is cleaned using filters and chemicals.