Round and round goes the water

The water cycle · Year 4–5 · ±10 min Medium

Name: ..... Date: .....



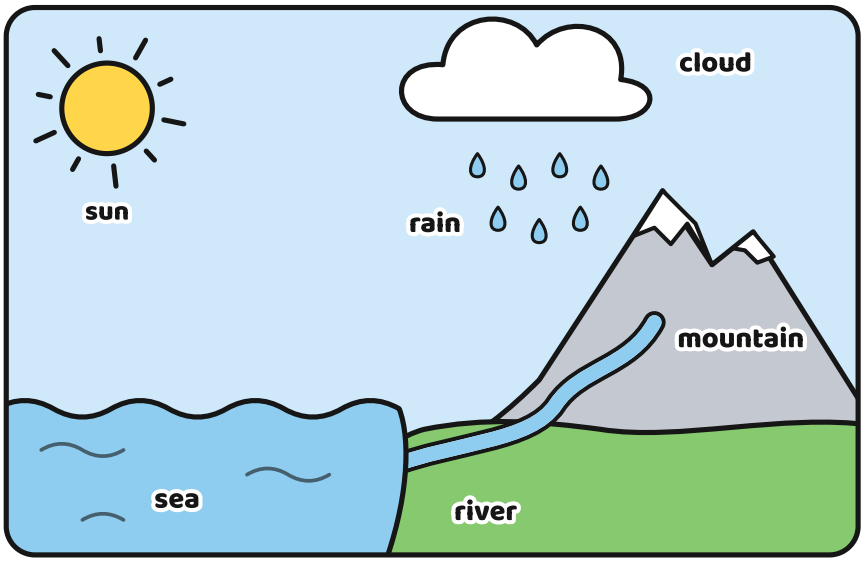
Today you learn: I can explain the water cycle in the right order.

Remember

Water goes around and around: it evaporates, becomes water vapour, condenses into clouds and falls back as rain or snow.

1 Medium

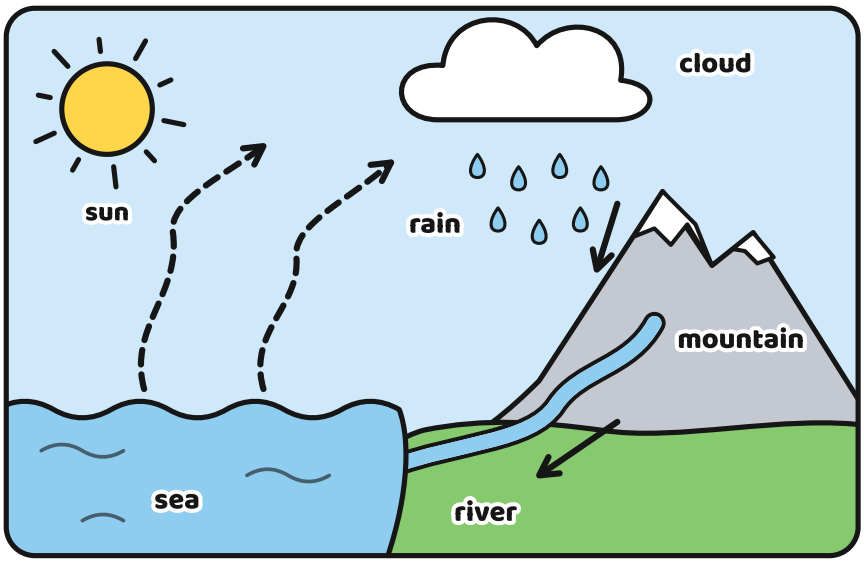
Put the steps in the right order. Write 1 to 5. Look at the picture.



- ◯ The droplets get heavy and fall as rain.
- ◯ The water evaporates and rises into the air as water vapour.
- ◯ High in the sky, the water vapour cools down and forms tiny droplets.
- ◯ The sun warms the water in the sea.
- ◯ The rainwater flows through streams and rivers back to the sea.

2 Medium

Fill in the words. Use the word bank.



When water warms up, it ..... . Water vapour is a ..... . High in the sky it is ..... , so the vapour turns back into tiny ..... . This change is called ..... . Lots of droplets together make a ..... .

Choose from: evaporates | cold | droplets | condensation | gas | cloud

3 Medium

True or false?

	True	False
The water on Earth never runs out: it keeps going around.	☐	☐
Clouds are made of water vapour.	☐	☐
Water also evaporates from a puddle in the street.	☐	☐
Snow and hail are part of the cycle too.	☐	☐
Water only evaporates when it boils.	☐	☐

4 Hard

You take a cold glass out of the fridge and put it on the table. After a few minutes the outside is wet. Where has that water come from? Explain.

.....

.....

5 Medium

Draw the water cycle: sea, sun, cloud, rain and river. Use arrows to show where the water goes.

How did it go?

Stuck? Turn the sheet round and read the tip for your number.

Help card

1. It starts at the sea and ends there again.

2. Follow the steps you just put in order.

3. You can see a cloud, but you cannot see water vapour.

4. The water did not come through the glass. What is in the air all around you that you cannot see?

5. Your arrows join up to make a loop.

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Answers: Round and round goes the water

For the parent · Year 4–5 Medium

Today you learn: I can explain the water cycle in the right order.

Check it together. When something is wrong, first ask: how did you work that out? Give the tip before the answer.

1 1. The sun warms the water in the sea. 2. The water evaporates and rises into the air as water vapour. 3. High in the sky, the water vapour cools down and forms tiny droplets. 4. The droplets get heavy and fall as rain. 5. The rainwater flows through streams and rivers back to the sea.

Tip: It starts at the sea and ends there again.

2 evaporates · gas · cold · droplets · condensation · cloud

Tip: Follow the steps you just put in order.

3 1: True · 2: False · 3: True · 4: True · 5: False

Tip: You can see a cloud, but you cannot see water vapour.

4 From the air. There is invisible water vapour in the air. It cools down against the cold glass and turns into tiny droplets (condensation), just like in a cloud.

Tip: The water did not come through the glass. What is in the air all around you that you cannot see?

5 An arrow up from the sea (evaporating), to the cloud, rain falling down, and a river back to the sea.

Tip: Your arrows join up to make a loop.

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