

Nova's Water Cycle Expedition

Learning objective: To describe and explain the processes of the water cycle, including evaporation, condensation, precipitation, and collection.

Nova the owl has been observing the weather from her treetop. Below are the stages of the water cycle, but they have been mixed up! Your task is to sequence them correctly from 1 to 5, then match the scientific process to the correct description. Write the stage number next to the correct description.

Word bank: Evaporation · Condensation · Precipitation · Collection · Transpiration

1. 1. The Sun warms the water in oceans and lakes, turning it into invisible water vapour which rises into the air. (2 marks)

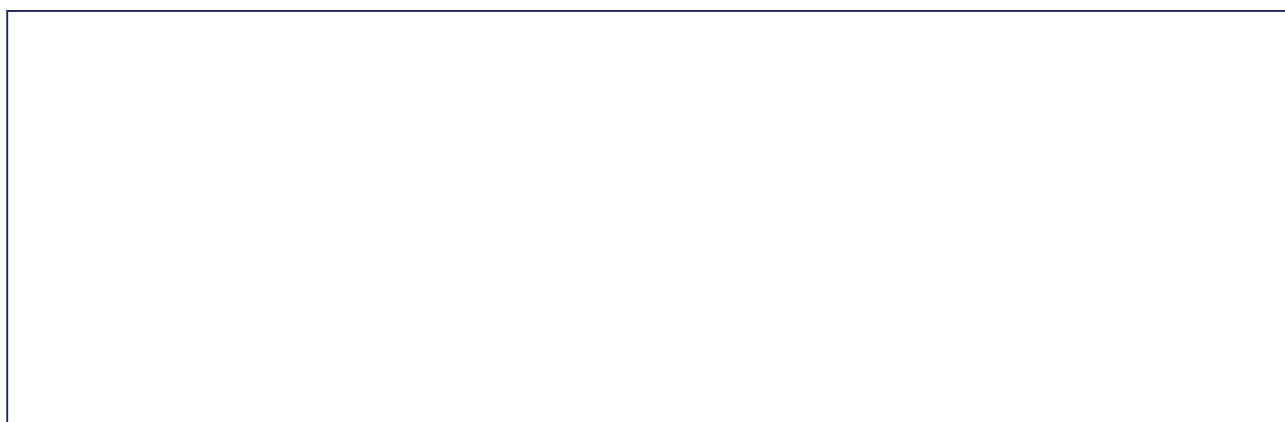
2. 2. Water vapour cools down high in the atmosphere and turns back into tiny liquid water droplets, forming clouds. (2 marks)

3. 3. Water falls from the clouds to the Earth in the form of rain, snow, sleet, or hail. (2 marks)

4. 4. Water flows over the ground and gathers into rivers, lakes, and oceans, ready to start the cycle again. (2 marks)

5. 5. Plants release water vapour from their leaves into the air. (2 marks)

Draw: Draw a diagram of the water cycle. Make sure to include the Sun, a large body of water, a mountain with clouds, and arrows showing the direction of the water as it moves through the air and land.



Extension challenge: Imagine you are a tiny droplet of water in the ocean. Write a short diary entry (50-80 words) describing your journey as you evaporate, turn into a cloud, and finally fall as rain on a forest.