

# Nova's Guide to the Water Cycle

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

Use this writing scaffold to help you explain how water moves around our planet. Nova the owl wants to know how you can describe each stage of the cycle clearly. Use the word bank to help you link your sentences together.

High above the Earth, the water cycle is constantly in motion, travelling in a never-ending journey from the land to the sky and back again.

*Word bank: evaporation · condensation · precipitation · collection · solar energy · water vapour · subsequently · consequently · accumulate · transformation*

**1. Introduction: Start by explaining why the water cycle is important for life on Earth. You could begin with: 'The water cycle is essential because...' (2 marks)**

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**2. Evaporation and Transpiration: Describe how water turns into vapour. You could begin with: 'When the sun warms the oceans and rivers, the water undergoes...' (2 marks)**

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**3. Condensation: Explain what happens when water vapour reaches the cooler air. You could begin with: 'As the water vapour rises higher into the atmosphere, it begins to cool down and...' (2 marks)**

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**4. Precipitation: Describe the different forms water takes when it falls back to the ground. You could begin with: 'Once the clouds become heavy and saturated, the water returns to the surface as...' (2 marks)**

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**5. Collection: Conclude by explaining where the water goes after it hits the ground. You could begin with: 'Finally, the water flows into rivers, lakes, and oceans, where it will eventually...' (2 marks)**

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*Extension challenge: Imagine you are a single droplet of water. Write a short diary entry describing your journey through the water cycle, explaining how you felt at each stage.*