

Nova's Guide to the Water Cycle

Learning objective: To describe and explain the processes of the water cycle using scientific vocabulary.

Use this writing frame to help Nova the owl explain how water moves around our planet. Use the word bank to help you link your ideas together.

High up in the night sky, Nova the owl watches the Earth, where water is constantly traveling in a never-ending journey called the water cycle.

Word bank: evaporation · condensation · precipitation · collection · liquid · vapour · temperature · subsequently · furthermore · consequently · as a result

1. Evaporation: Describe how the Sun's heat affects water in oceans and lakes, and explain what happens to the water as it turns into vapour... (2 marks)

2. Condensation: Explain what happens when water vapour cools down high in the atmosphere and how this leads to the formation of clouds... (2 marks)

3. Precipitation: Describe the different forms of precipitation (such as rain, snow, or hail) and explain why water falls back down to Earth... (2 marks)

4. Collection: Explain where the water goes once it reaches the ground and how the cycle begins again... (2 marks)

5. Summary: Why is the water cycle important for all living things on our planet? (2 marks)

Extension challenge: Imagine you are a tiny droplet of water. Write a short diary entry describing your journey through each stage of the water cycle.