














States of Matter: The Water Cycle

Aim: To identify the part played by evaporation and condensation in the water cycle by creating a model of the water cycle. I can identify and describe the different stages of the water cycle.	Success Criteria: I can describe the different stages of the water cycle. I can explain the role of evaporation and condensation in the water cycle.	Resources: Lesson Pack Clear plastic cup - 1 per pair Compost Cress seeds Cling film
	Key/New Words: Evaporation, condensation, precipitation, collection, clouds, rain, sleet, hail, snow.	Preparation: Mini Water Worlds Activity Sheet - 1 per pair Differentiated Water Wheel Activity Sheet - 1 per child

Prior Learning: The children will have learnt about condensation and evaporation in lessons 4 and 5.

Learning Sequence

	What Is the Water Cycle? Share the information on the Lesson Presentation . Discuss each part of the cycle and locate its label on the diagram.	
	The Stages of the Water Cycle: Use the diagrams and information on the Lesson Presentation to explain the four stages of the water cycle: evaporation, condensation, precipitation and collection. Ensure children understand that the water changes state as a result of these processes. Address any misconceptions.	
	Mini Water Worlds: Ask the children to work in pairs to make mini water worlds using the Mini Water Worlds Activity Sheet . Children will be able to view evaporation, condensation and precipitation in action over the next few days. You could take photos of the water worlds as they develop, and stick the printed photos into the children's books.	
	Water Wheel: Children use the differentiated Water Wheel Activity Sheet to create an interactive model of the water cycle. Look for children who know the stages of the water cycle and can explain what happens at each stage. <div>  Children fill in the gaps in the explanations of the stages.  Children match the explanations to the correct stages and fill in the gaps.  Children write their own explanations for each stage. </div>	
	Sort the Stages: Children try to solve the anagrams of the four stages of the water cycle on the Lesson Presentation before placing the stages in the correct order.	

Taskit

- Createit:** Make a model to demonstrate precipitation. Fill a clear plastic cup about two-thirds full of water. Spray some shaving foam on top of the water to represent a cloud. Use a pipette to drop water coloured with blue food colouring onto the 'cloud'. Now watch it rain! You should see the blue water dripping from the shaving foam cloud.
- Labelit:** Use [this worksheet](#) to label the stages of the water cycle.
- Writeit:** Write a story about the water cycle from the point of view of a water droplet! Explain what happens to the water droplet at each stage, and how it changes.