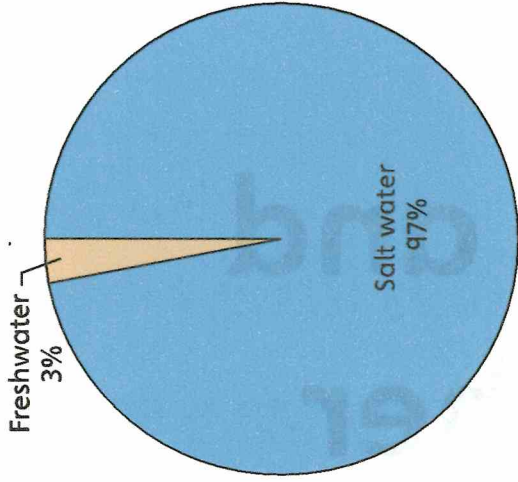


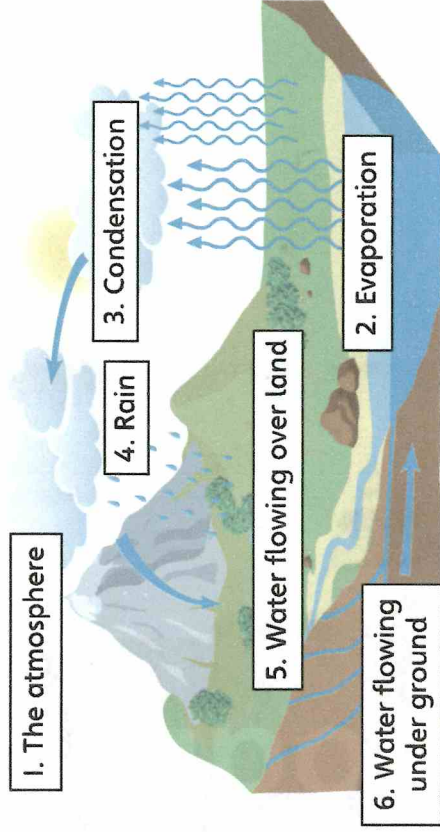
Knowledge organiser

Earth's water

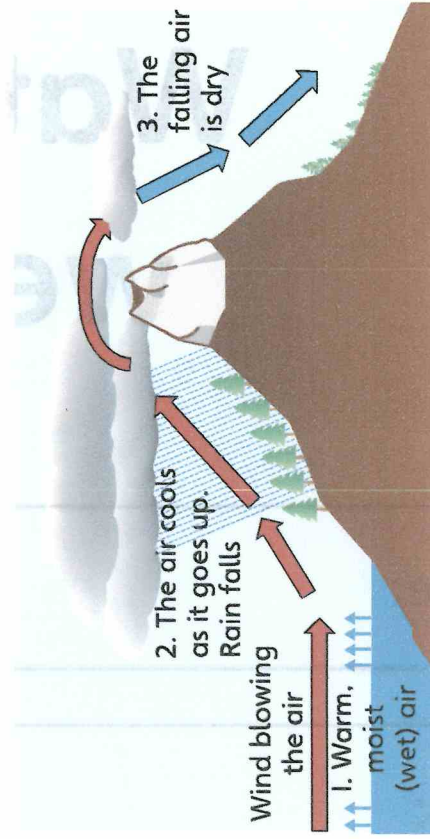
This pie chart shows the percentage of salt water and freshwater on Earth.



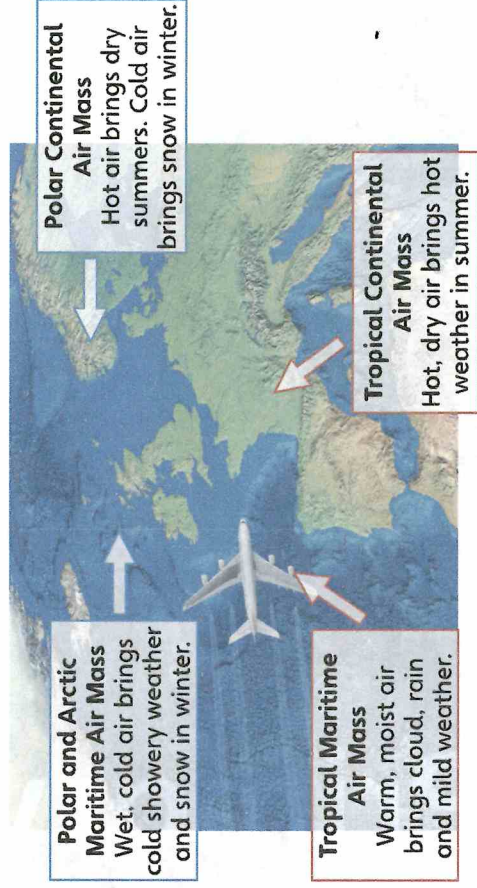
The water cycle



Why does it rain?



Why is the weather in the UK unpredictable?



Vocabulary	
air masses	Huge areas of air that have the same temperature and the same amount of water vapour
condensation	When a gas turns into a liquid
evaporation	When a liquid turns into a gas
forecast	A prediction about what will happen in the future, based on evidence
gravity	An invisible force that pulls things towards the centre of the Earth
hemisphere	Half of the Earth: the top half is the northern hemisphere, the bottom half the southern hemisphere
rain shadow	The side of a mountain that does not get much rain
solar system	The Sun and everything that travels round it
water cycle	How water moves around the Earth, evaporating and condensing
water vapour	Water that is in the form of a gas

4 Learning review

Lesson	You will learn...	Learning review
1 Where is Earth's water?	<ul style="list-style-type: none"> • Where most of the water is located on Earth. • How water turns from a liquid into a solid or a gas. • What the water cycle is. 	<hr/> <hr/> <hr/> <hr/> <hr/>
2 Why does it rain?	<ul style="list-style-type: none"> • How warm air behaves. • What happens when water cools. • How rain forms over mountains. 	<hr/> <hr/> <hr/> <hr/> <hr/>
3 Why do we have seasons?	<ul style="list-style-type: none"> • What the seasons are. • Why the seasons are different in the northern and southern hemispheres. • How the tilt of the Earth affects the seasons. 	<hr/> <hr/> <hr/> <hr/> <hr/>
4 What is the weather forecast?	<ul style="list-style-type: none"> • What a weather forecast is. • What the symbols on a weather forecast mean. • Why it is important to have a weather forecast. 	<hr/> <hr/> <hr/> <hr/> <hr/>
5 Why is the weather in the UK unpredictable?	<ul style="list-style-type: none"> • What types of weather we experience in the UK. • Which air masses affect the UK. • What air mass is affecting the weather today. 	<hr/> <hr/> <hr/> <hr/> <hr/>
6 Assessment: Why does it rain?		<hr/> <hr/> <hr/> <hr/> <hr/>