

What should I already know?

I know that the four seasons are autumn, winter, spring and summer.

What will I learn?

- I will identify the changes during autumn and winter.
- I will observe and talk about the weather during autumn and winter.
- I will describe how the day length varies during autumn and winter.

Vocabulary

Vary	To change.
Seasons	Each of the four parts of the year. (spring, summer, autumn, and winter) marked by weather patterns and daylight hours.
Day Length	The time from the moment the sun rises to the moment the sun sets.
Weather	The way the air feels. Some examples are sunny, windy, cold, wet, rainy or snowy.

What is it like in autumn and winter?



What is our enquiry type?

Observing Changes Over Time	Pattern Seeking	Identifying, Grouping & Classifying	Fair Testing	Research
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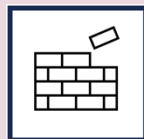
Working scientifically skills.

How will I be a scientist?

PLAN		DO		DO	
Ask Questions 	I will ask questions about autumn and winter are like.	Observe 	I will look closely at how plants and the weather during autumn and winter.	Record 	I will take photos and draw diagrams to explain and record these changes.

Chemistry

Everyday materials



Materials



Year 1 - Autumn 2

What should I already know?

I know that objects can feel and look different.

I know some things that are the same and some things that are different with materials.

What will I learn?

- I will know the name of the material an object is made from.
- I will know about the properties of everyday materials.
- I will compare and group together a variety of materials based on their properties.

Properties





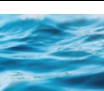

Hard	Soft
Stretchy	Stiff
Shiny	Dull
Rough	Smooth
Waterproof	Not waterproof
Absorbent	Not absorbent



Vocabulary

Materials	Materials are what things are made from.
Properties	A way of describing how a material looks, feels or acts.

Materials

Wood	Used for doors and tables.	
Plastic	Used for water bottles and school chairs.	
Glass	Used for windows.	
Metal	Used for cars and radiators.	
Water	Used for drinking and washing.	
Paper	Used for pages in books.	






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Observing Changes Over Time	Pattern Seeking	Identifying, Grouping & Classifying	Fair Testing	Research
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Working scientifically skills.

How will I be a scientist?

PLAN		DO		DO	
<p>Ask Questions</p> 	I will ask questions about the materials that I am exploring.	<p>Observe</p> 	I will sort materials into groups based on what material they are made from.	<p>Set Up</p> 	<p>I will test the properties of materials in a floating and sinking experiment.</p> <p>I will then group the materials based on my findings.</p>

