

National Curriculum subject content:

- ✓ asking simple questions and recognising that they can be answered in different ways
- ✓ observing closely, using simple equipment
- ✓ performing simple tests
- ✓ identifying and classifying
- ✓ using their observations and ideas to suggest answers to questions
- ✓ gathering and recording data to help in answering question

National Curriculum theme:

- ✓ observe changes across the four seasons
- ✓ observe and describe weather associated with the seasons and how day length varies

Science: seasonal changes

Y1 spring 1



Key Vocabulary:

Autumn	Season after summer.
Day length	The part of the day when there is natural light from the sun.
Fog	Tiny water droplets hovering in the air in a cloud.
Forecast	What the weather is predicted to be like.
Hail	Irregular balls of ice falling from the sky.
Rain	Water falling from the sky.
Season	Four different seasons that go in a cycle over the year.
Sleet	Solid water falling from the sky.
Snow	Frozen water falling from the sky.
Spring	Season after winter.
Summer	Season after spring.
Thunderstorm	When hot and cold layers of air collide.
Weather	This is a description of what the air is like in particular place: hot or cold, wet or dry and windy or calm.
Winter	Season after autumn.

Sequence of Learning:

Objectives (key knowledge:

<p>Lesson 1</p> <p>To recap what we already know about weather. To know what months are in which season in the UK.</p> <p>Task: to brainstorm the class on their previous knowledge about seasonal changes.</p> <p>Task: to put the months and seasons in order.</p>	<p>Lesson 2</p> <p>To learn that the weather changes with each season.</p> <p>Task: to identify and sort what weather condition usually goes with each season.</p>	<p>Lesson 3</p> <p>To learn to identify and classify clothes for different seasons.</p> <p>Task: to sort items of clothing and use scientific vocabulary to describe why we have to wear different clothes.</p>	<p>Lesson 4</p> <p>To learn to gather data about the weather.</p> <p>Task: to make a weather station to collect rainfall. To collect data. To discuss how rain can affect our daily lives.</p>	<p>Lesson 5</p> <p>To learn observe record and discuss the weather.</p> <p>Task: to go outside and use scientific language to talk about the weather. Is the weather typical for this season? To role play weather forecasts about the weather in different seasons.</p>	<p>Lesson 6</p> <p>To know that day length changes in different seasons.</p> <p>Task: to go outside and explore their shadows.</p> <p>Make shadow puppets using a torch as the sun.</p>
--	--	---	--	--	---

Science: seasonal changes

Y1 summer 1

Sticky Knowledge

1. Space has weather too.
2. Hailstones don't have a size limit.
3. 2000 thunderstorm happen on earth every minute.
4. Frogs get louder just before it rains.
5. Humans affect the changes in climate.