



Subject: Science

Year group: 1

Term: Spring

Unit name: Seasonal Changes

National curriculum:

- Observe changes across the four seasons.
- Observe and describe weather associated with the seasons and how day length varies.

Prior Knowledge - Children know about similarities and differences in relation to places, objects, materials and living things. They talk about the features of their own immediate environment and how environments might vary from one another. They make observations of animals and plants and explain why some things occur and talk about changes. (Early Learning Goal)

Scientific enquiry

Classifying	Classifying different seasons and their features. Weather types.
Observing over time	Changes in seasons. Changes in weather.
Pattern seeking	Repetition of seasons.
Comparative/fair testing	Tables and charts of weather/rainfall/weather type
Researching	Not relevant

Assessment for learning

Recapping prior knowledge- beginning of unit- what do children already know?

Beginning of each lesson- focus on recall of previous learning (quick quizzes)

Year 1 Knowledge Organiser – Seasonal and Daily Weather

What should I already know?	Diagrams	What will I know by the end of the unit?
<ul style="list-style-type: none"> • The country I live in is the United Kingdom • Where the United Kingdom is and locate it on a map. • There are different types of weather. 		<ul style="list-style-type: none"> • There are 4 seasons.
Key vocabulary		

Weather	The state of the atmosphere at a particular place and time.
Seasons	Each of the 4 divisions of the year
Spring	The season after winter and before summer.
Summer	The season after spring and before autumn.
Autumn	The season after summer and before winter.
Winter	The season after autumn and before spring.
Weather forecast	A statement saying what the weather will be like today, the next day or for the next few days.
Rain	Water that falls from clouds in small drops.
Sun	A star that provides light and heat to the Earth.
Wind	A current of air moving across the Earth's surface.
Thunder	A sudden loud noise that comes from the sky during a storm.
Snow	The small, soft, white pieces of ice that sometimes fall from the sky when it is cold.
Cloudy	When the sky is full of clouds which make it seem darker.
thermometer	A device used for measuring temperature.
temperature	The measured amount of heat in a place.



- The weather patterns are different in each season.
- A weather forecast is a statement saying what the weather will be like today, the next day or for the next few days.
- Weather forecasts use different symbols which are helpful.



- When the weather changes, you need to wear the correct clothes and do different activities.
- You can record the temperature using a thermometer to see how warm or cold it is.

United Kingdom

a country that includes England, Scotland,
Wales and Northern Island

Lesson Sequence



1. Understand there
are four seasons



2. Understand the
changes that take
place in autumn



3. Understand the
changes that take
place in winter



4. Understand the
changes that take
place in spring



5. Understand the
changes that take
place in summer



6. Investigate how
you can measure
rainfall

Clothing to wear during each season

summer



spring



winter



autumn



Months which fall into each season



Seasons of the year

spring

summer

autumn

winter

Months of the year

