

Seasonal Changes (Spring and Summer)

Science | Year 1 | Unit Overview

Introduction

This 'Seasonal Changes (Spring and Summer)' unit will teach your class about spring and summer. Children will continue to use a class weather station to observe, measure and record the weather in different seasons and will start to make comparisons between two seasons, as well as across all four seasons. They will also observe changes across the seasons by exploring the signs of spring and summer through nature and wildlife. A range of learning activities are used in this unit, including observation, discussion and learning outside. Children also work scientifically by collecting, recording and interpreting simple data.



Health & Safety (including food allergies)

Relevant risk assessments, in line with your school policies and procedures will need to be completed for lesson 3 where children go on a local area walk.



Home Learning

Season Favourites: In this task, children will choose their favourite thing about each season to draw and label. It could be the weather, an event such as Wimbledon or an occasion such as a birthday or a festival.

Spring and Summer Matching: In this task, children will match pictures to the right season by choosing either spring or summer.

Assessment Statements

By the end of this unit...

...all children should be able to:

- Name the four seasons.
- Name different types of weather.
- Make observations about the weather.
- Describe the weather associated with each season.
- Collect and record simple data.
- Make simple observations about changes across the seasons.

...most children will be able to:

- Interpret simple data.
- Name an event or occasion which happens in each season.
- Describe how day length varies between two seasons.
- Make a more detailed comparison between two seasons.

...some children will be able to:

- Interpret and identify patterns in simple data and begin to suggest explanations for this.
- Explain seasonal changes across the four seasons.
- Describe how day length varies across the four seasons.
- Make comparison across the four seasons.

Lesson Breakdown

Resources

1. Winter to Spring

To observe and describe how day length varies in the context of winter to spring.

- I can describe how day length varies from winter to spring.

To observe changes across the four seasons by looking at how trees and the clothes that we wear change from winter to spring.

- I can identify changes in the trees and in clothes that we wear from winter to spring.



2. Seasonal Weather (Spring)

To observe and describe weather associated with the seasons by observing the weather in spring.

- I can observe and describe the weather in spring.

To gather and record data to help in answering questions by recording the weather, temperature, rainfall and wind direction in spring.

- I can collect and record data about the weather in spring.



3. Spring Walk

To observe changes across the four seasons by going on a spring walk.

- I can identify signs of spring.

- Clipboard per pair
- Cameras/tablets (if available)
- Relevant outings and trips resources in line with your school policy and procedures, e.g. medication, first aid kit etc.



4. Spring Summer

To observe and describe how day length varies in the context of spring to summer.

- I can describe how day length varies from spring to summer.

To observe changes across the four seasons by looking at how trees and the clothes that we wear change from spring to summer.

- I can identify changes in the trees and in clothes that we wear from spring to summer.



5. Seasonal Weather (Summer)

To observe and describe weather associated with the seasons by observing and recording the weather in summer.

- I can observe and describe the weather in summer.

To gather and record data to help in answering questions by recording the weather, temperature, rainfall and wind direction in summer.

- I can collect and record data about the weather in summer.



6. Staying Safe in Summer

Observe and describe weather associated with the seasons in the context of the summer sun.

- I can explain how to stay safe in the sun.

