



St James' Church of England Primary School

Science Overview Sheet



Year 1 – Seasons (Spring and Summer)



Rationale: 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.

Pre-unit task: Knowledge Organiser Quizzes

Working Scientifically:

-*Making tables and charts about the weather.*

-*Making displays of what happens in the world around them, including day length, as the seasons change.*

Additional suggestion from Lancashire for working scientifically opportunities which enhance learning and support using ICT across the curriculum

-This unit provides an ideal opportunity for using data logging equipment to record temperatures..

Statutory Requirements:

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

Overview:

Lesson 1: Winter to Spring - I can identify changes in the trees and in clothes that we wear from winter to spring.
Lesson 2: Seasonal Weather (Spring) - I can collect and record data about the weather in Spring.
Lesson 3: Spring Walk - I can identify signs of Spring.
Lesson 4: Spring to Summer - I can describe how day length varies from spring to summer.
Lesson 5: Seasonal Weather (Summer) - I can collect and record data about the weather in summer.
Lesson 6: Staying Safe in Summer - I can explain how to stay safe in the sun

Cross Curricular Links

Resources

- pencils • clipboard per pair • cameras/tablets (if available) • Relevant outings and trips resources in line with your school policy and procedures, eg medication, first aid kit etc.

Notes and Guidance

Most Children will: • 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

Less Able Children will: • 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.

More Able Children will: • 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.