

The Spring Partnership Trust– Knowledge Organiser

Science Focus		Seasonal Changes	Year 1	Autumn
What? (Key Knowledge)		<ul style="list-style-type: none"> • Statutory requirements 		
Seasons	<ul style="list-style-type: none"> • What are the 4 seasons • What months are in which seasons • Create a timeline-Name one big event that happens in each season 	<ul style="list-style-type: none"> • To be able to observe and describe weather associated with the seasons. • To be able to ask simple questions and recognise that they can be answered in different ways • To be able to identify objects. • To be able to observe closely, using simple equipment. • To be able to gather data to answer a question. 		
Seasonal Changes	<ul style="list-style-type: none"> • What are the signs of Spring • Observe the seasonal changes of each season. • What are the main changes of each season. 			
Weather	<ul style="list-style-type: none"> • What is the weather? • What types of weather are there? • How can we measure temperature? • How can we measure the wind? • How can we measure rainfall? • Predict the clothing we should wear in each season and give reasons. 	What? (Key vocab)		
Cloud	<ul style="list-style-type: none"> • Observe the sky during different seasons and types of weather • Name the 3 main types of cloud • Predict which clouds will be in the sky by thinking about the season and weather. 	Spelling	Definition	
Predict, observe, identify and evaluate	<ul style="list-style-type: none"> • Understand what is meant by these terms. • Carry out simple experiments to explore these terms. • Revisit these experiments across the year to compare throughout the seasons. 	Summer	The months of June, July and August	
		Spring	The months of March, April and May.	
		Autumn	The months of September, October and November.	
		Winter	The months of December, January and February.	
		Weather	The weather is how you would describe the conditions outside- the temperature, if its wet or dry or windy.	
		Day	Daytime is when the sun has risen.	
		Night	Night time is after the sun has set.	
		Cloud	A cloud is made of water drops or ice crystals floating in the sky. There are many kinds of clouds . We will learn about Stratus, Cumulus and Cirrus clouds.	
		Moon	The moon is a huge round globe made up of rocks and it orbits the earth.	
Possible experiences				
<ul style="list-style-type: none"> • Finding and classifying weather changes in the school environment • Update your weather diary/big book every day, showing the types of weather for that day • Learning songs to recall the seasons • Measuring and observing the weather • How can you measure the amount of rain in the different seasons • Simple test – How bright is the Sun in different seasons? 				