Uplands Manor Primary School - Science Unit Organiser

Science Topic: Seasonal Changes Year 1

What? (Key Vocabulary)			
Spelling	Definition/Sentence		
Weather	The conditions outside		
Seasons	The parts a year is divided into		
Leaves	Usually flat and green growing from a stem		
Thunderstorm	A storm of heavy rain with thunder and lightning		
Temperature	The measure of how hot something is		

Seasons					
What is a season?	The year is divided into four parts according to the weather and daylight hours. Each part is called a season.				
Does the whole world have the same seasons?	No - the seasons happen at different times in the top half of the world (Northern Hemisphere) compared with the bottom half of the world (Southern Hemisphere).				
Where are we?	In England, we are in the Northern Hemisphere.				
What are the seasons called?	Autumn, Winter, Spring and Summer				
When are the seasons in England?	Autumn	September October November	Spring	March April May	
England.	Winter	December January February	Summer	June July August	
Weather and daylight during the seasons					
Autumn	 Temperatures get progressively colder The weather is very changeable 12 hours of light per day on average 				

average

Winter

Spring

Summer

WARNING

Temperatures are at their coldest

The weather is generally wet, windy and cloudy at the start of the season becoming drier and much colder in the later part of the

8 hours of light per day on average

Early spring can be quite cold, and occasionally the lowest temperatures of the year can occur in March

There is a fair chance of snow

Temperatures get progressively warmer throughout the season

The warmest and sunniest of the

Thunderstorms are more likely in

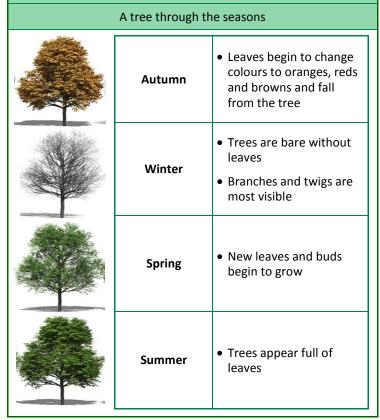
13 hours of light per day on average

16 hours of light per day on

IT IS NOT SAFE TO EVER LOOK DIRECTLY AT THE SUN, EVEN WHEN WEARING SUNGLASSES.

What? (Key Knowledge)

Diagrams and Symbols



Recommended Experiments

A minimum of two experiments should take place during this unit of work with one final written outcome linked to one of the scientific enquiry skills and approaches used.



Predict the weather for the next day based on wind direction and cloud conditions - record a weather broadcast on an IPad



Investigate seasons in the Southern Hemisphere



Chart the weather daily and produce recorded weather reports focusing on type of weather, daylight hours and temperature



Investigate animal behaviours during the seasons

Builds on: learning in Reception - Understanding the World: The Natural World

Learning links

Leads to: learning in Year 2 - Summer - Unit: Living Things and Their Habitats

seasons

The Sun