


Goonhavern Primary School- Science

TOPIC: Seasonal Changes N.B. You may like to split this and cover Autumn/ Winter and then compare to Spring/ Summer.	YEAR: 1	STRAND: Physics
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What should I know already?	What will I know by the end of the unit?	
<ul style="list-style-type: none"> There are times when it is hot outside and there are times when it is cold outside. The months of the year. 	What is a season?	There are four seasons; <ul style="list-style-type: none"> Autumn - September, October, November Winter - December, January, February Spring - March, April, May Summer - June, July, August
	What happens in Autumn?	The temperature begins to fall, which means it gets colder. The leaves on deciduous trees change colour and begin to fall to the ground. The days get shorter and the nights get longer. In the autumn, there are events such as Halloween and Bonfire Night. The weather may be slightly sunny, windy or rainy.
	What happens in Winter?	As the seasons change from autumn to winter it gets colder still - this is because the temperature has fallen further. Sometimes, it can freeze overnight and in the mornings, there may be ice and frost. Deciduous trees have completely lost their leaves and the branches are bare. The days get shorter and the nights get longer. Winter has the shortest days and the longest nights of all the seasons. In the winter, there are events such as Christmas and Valentine's Day. The weather may be windy, rainy and chilly. Sometimes it also snows.
	What happens in Spring?	As the seasons change from winter to spring, it gets warmer and the temperature begins to rise. In spring: <ul style="list-style-type: none"> -Leaves begin to appear on deciduous trees. -Some trees begin to blossom. -Many plants begin to grow. -Lambs are born and chicks begin to hatch. The days become longer and the nights become shorter. The weather may be slightly sunnier but still a little windy and rainy on some days.
	What happens in Summer?	As the seasons change from spring to summer it gets warmer still - this is because the temperature has risen. The days get longer and the nights get shorter. Summer has the longest days and the shortest nights of all the seasons. During summer, the weather may be hot and sunny. There

		may not be many clouds in the sky.
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Vocabulary	
Autumn	The season between summer and winter.
Day length	The amount of time there is daylight.
Daylight	The natural light that there is during the day before it gets dark.
Months	Each of the twelve named periods into which a year is divided.
Season	The main times of the year where there is specific weather.
Spring	The season between winter and summer.
Summer	The season between spring and autumn.
Temperature	A measure of how hot or cold something is.
Winter	The season between autumn and spring.

Image/diagram that helps me to articulate my knowledge/understanding	Investigate!
	<ul style="list-style-type: none"> • Go on an autumn nature walk - what signs of autumn can you spot? • Measure the temperature every day - what do you notice about the difference in temperature from the start of the unit to the end? • Discuss what happens when the children go home from school in the autumn and winter - what do they notice about daylight? Compare this to what happens in the summer. • Analyse simple graphs that show how day length changes throughout the seasons. • Research animals that hibernate or migrate in winter months. • Go on a spring nature walk - what signs of spring can you spot?

