



Holy Souls Knowledge Organiser
Year 1
Topic: Seasonal Changes Strand: Science - Physics



What should I already know?	Key Vocabulary
- There are times when it is hot outside and there are times when it is cold outside. - The months of the year. - What happens in autumn and winter (key events, what people do, what people wear) - What the weather is like in autumn and winter. - In autumn and winter, the days become shorter and the nights become longer.	Autumn, blossom, day length, daylight, deciduous, holiday, hot, months, nature, rain, season, spring, summer, sunny, temperature, warm, windy, weather, windy, winter, cold, freeze, frost, hibernate, ice, snow
	Cultural Capital:

Working Scientifically
- Asking simple questions and recognising that they can be answered in different ways. - Observing closely, using simple equipment - Performing simple tests - Identifying and classifying - Using their observations and ideas to suggest answers to questions. - Gathering and recording data to help answer questions - Observe changes across the four seasons - Observe and describe the weather associated with the seasons and how day length varies

What will I know by the end of this unit?	
What is a season?	There are four seasons: Autumn - September, October, November · Winter - December, January, February Spring - March, April, May Summer - June, July, August     autumn winter spring summer
What happens in the spring?	- As the seasons change from winter to spring, it gets warmer and the temperature begins to rise. - Some things that happen in spring are: - 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. - In the spring, there are events such as Easter and St. George's Day. - The weather may be slightly sunny but still a little windy and rainy on some days.    sunny windy rainy - The clothes you might wear include long-sleeved tops and long trousers. As it gets closer to summer, you may wear t-shirts and shorts on sunnier and warmer days.     shirt shorts t shirt trousers

What will I know by the end of this unit?

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. - In the summer, there are events such as the long school summer holidays and - Things people might do are have picnics, go to the beach, have a paddling pool in the garden and mow the lawn.  picnic beach mow lawn - The weather may be hot and sunny. There may not be many clouds in the sky. - The clothes you might wear include t-shirts, shorts and swimming costumes.  t shirt shorts swimming costume - It is important to stay safe in the summer as the sun can be very strong. You can wear sun hats, sunglasses and sun cream to help keep you safe.
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. - Things people might do are rake leaves, pick blackberries and collect conkers and pine cones.  blackberries pine cones conkers - The weather may be slightly sunny, windy or rainy. There are more clouds in the sky during autumn compared to the summer.  sunny windy rainy - The clothes you might wear include t-shirts and shorts on sunnier and warmer days, and woolly hats and scarves on colder days - especially as it gets closer to winter.  t shirt shorts scarves gloves
What happens in winter?	- As the seasons change from autumn to winter it gets colder still - this is because the temperature has fallen. - 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. - Things people might do are build snowmen, eat warm foods like stews and soups and light fires.  soup stew snowmen - The weather may be windy, rainy and chilly. Sometimes it also snows. - The clothes you might wear include warm coats, jumpers, woolly hats and scarves on colder days.  coat jumper scarf gloves