

Question-based Learning Project	Intent To know...	‘Sticky Knowledge’ Interesting Facts EYFS & National Curriculum		Cultural Capital + Memorable Experiences	Vocabulary
Nursery Why do leaves go crispy? How does that building stay up? Are eggs alive? How many pebbles on the beach?	- there are 4 seasons in a year - features of Spring, Summer, Autumn, Winter - seasonal changes – signs of winter - seasonal changes- signs of spring - seasonal changes – signs of summer	<i>* There are 4 seasons. Winter is cold and Summer is hot</i> <i>* Leaves fall off the trees in autumn</i> <i>* A snowflake can take up to two hours to fall from a cloud to the ground</i> <i>* Baby farm animals are born in the spring</i> <i>* It is important to stay safe in the sun by wearing sunscreen and a hat and drinking lots of water</i>	3-4 years: Understanding the World - use all their senses in hands-on exploration of natural materials - explore collections of materials with similar and/or different properties - talk about what they see, using a wide vocabulary - explore & talk about different forces they feel - talk about the differences between materials & changes they notice	- An Autumn walk - A winter walk and play in the snow - Go on a spring walk - Make a ‘beach’ in the Nursery garden with a real ice cream stall	- Autumn, Winter, Spring, Summer, leaves, crispy - Winter, cold, icy, snow, igloo, snowman, sledge - Spring, grow, shoots, warmer, flowers - Summer, hot, warm, sunny, flowers, holidays, beach
Reception What Do I Celebrate?	- about signs of Autumn - why it is dark at night	<i>* The sun lights up the stars at night</i> <i>* At night the Earth blocks the sun so it makes it dark</i>	Reception Understanding the world - understand the effect of changing seasons on the natural world around them. - explore the natural world around them.	- Pyjama Party - Autumn walk	- seasonal change - Autumn - leaves

Who Lives in a Land Far, Far Away? What's Above Me? What's Below Me? Are We There Yet?	- environment changes in different seasons - about signs of Winter - environment changes in different seasons - about signs of Spring - environment changes in different seasons - about signs of Summer - environment changes in different seasons	<i>*Every snowflake has 6 sides</i> <i>*Nights are longer in the Winter</i> <i>*Many animals give birth in the Spring months</i> <i>*The first Spring flowers are typically daffodils, dandelions, lilies, tulips, iris and lilacs</i> <i>*An 11 year old child invented icepops in 1905</i> <i>*Summer has the longest days of the year</i>	- describe what they see, hear and feel whilst outside. <u>ELG – The Natural World</u> - explore the natural world around them, making observations & drawing pictures of animals & plants - know some similarities & differences between the natural world around them and contrasting environments, drawing on their experiences & what has been read in class	- Winter walk - Exploring ice - Spring walk - Summer walk	- Winter - Spring - Summer
Year 1 What will you find in a woodland habitat?	- some of the changes across the four seasons - what weather is associated with different seasons and how day length varies	<i>* 1803 Luke Howard invented classification of clouds</i> <i>* A rainbow is created when light is reflected through millions of water droplets</i>	♣ observe changes across the four seasons ♣ observe & describe weather associated with the seasons and how day length varies	- A Woodland Walk - visit to 'Gruffalo Discovery Land' at Twycross Zoo - set up woodland campsite	-seasons, sleet, hail, thunder.. Nimbus Cirrus, Cumulus Stratus

Year 2	----	----	----	----	----