



SEASONAL CHANGES (PHYSICS)

Statements in *red* are linked from other topics

Progression in Scientific knowledge, concepts & skills	EYFS (Early Learning Goals)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	KS3
<u>Concepts</u> Changes Cause and Effect Similarity and Difference Working Scientifically	Children know about similarities and difference in relation to places, objects, materials and living things Children talk about features of their own immediate environment and how environments might vary from one another	Observe changes across the four seasons Observe and describe weather associated with the seasons and how day length varies (temperatures during the day and night)		<i>Recognise that light from the sun can be dangerous and that there are ways to protect their eyes (Light)</i>		<i>Use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky (Earth and Space)</i>		The seasons and the Earth's tilt, day length at different times of year, in different hemispheres



St. Mary's and Our Lady of Grace Catholic Academies - Progression in Scientific knowledge, concepts and skills



	Children make observations of animals and plants and explain why some things occur and talk about changes							
Possible Learning Challenge Questions		Why does it get dark earlier in winter? How do the seasons impact on what we do?						