

Progression in Substantive Knowledge

Physics Earth and Space

Substantive Knowledge year R	Substantive Knowledge year 1	Substantive Knowledge year 2
<u>Year R- Seasons</u> Welly walks – look for similarities/differences – different seasons; out in all weathers – spotting changes – woodland walks	<u>Year 1- Seasons</u> Knowledge Block 1- Surviving the changing seasons - There are four seasons, Spring, summer, autumn and winter - Each season is about three months long - In Spring, young animals like lambs and chicks are born, the flowers bloom and the weather starts to become warmer. - In autumn, the leaves fall off the trees and the amount of time we have in the day becomes less. - Winter has the shortest amount of time during the day and the weather is at its coldest. - In summer the trees are full of green leaves and the weather is at its warmest.	

Progression in vocabulary

Physics
Earth and Space

Year R Vocabulary

Seasons

Similar, same, different, grow, growth, compare, die, decay, living, new, old, hot, cold, dry, wet, tall, short, rough, smooth, seasons – winter, spring, summer, autumn.

Names of plants and trees that grow in the school grounds, roots, stem, leaves, flower, petals, trunk, branch, bark, deciduous, evergreen, fruit, vegetable

Year 1 Vocabulary

Seasons

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| spring | The season when young animals like lambs and chicks are born, the flowers bloom and the weather starts to become warmer |
| summer | The season where the trees are full of green leaves and the weather is at its warmest. |
| autumn | The season when the leaves fall off the trees and the amount of time we have in the day becomes less. |
| winter | The season which has the shortest amount of time during the day and the weather is at its coldest. |
| hibernating | When animals spend the winter in a type of long, deep sleep. |
| migration | The journey an animal takes to a new home. |
| evergreen | Trees that keep their green leaves all year round. |

Year 2 Vocabulary