

Year 7 Learning Map

B2 - Interdependence and Plant Reproduction				
Prior Learning This topic builds on the Key Stage 1 and Key Stage 2 science curriculum. This includes the basic structure and function of flowering plants, classification of animals and their habitats, constructing food chains and identifying predators and prey.		Current Learning In this topic, you will learn about food webs and how changes in the environment can affect whole ecosystems. You will also learn how plants are adapted to reproduce successfully. You will be able to describe different methods of pollination.		Subsequent Learning This topic will link to B2 in Year 8 where you will study photosynthesis in plants. It will prepare you for GCSE Biology, where in B2 you will study plants, and human impact on ecosystems and the environment. It will also prepare you for B3 and B4, which will look at photosynthesis and respiration respectively.
Lesson Sequencing		Tier 3 Vocabulary	Wider Reading Opportunities	Ways in which parents/carers can support
Lesson 1	Food chains	Ecosystem Population Producer Consumer Decomposer Pollen Ovules Pollination Fertilisation Carpel	‘KS3 CPG Science Revision Guide’ contains useful revision materials for the science course. Explore National Geographic .	Encourage students to use their course home learning booklets to revise and practice key information after each lesson. Ensure students are accessing Microsoft Teams to complete work directed by their teachers. Encourage students to watch documentaries such as - A Plastic Ocean or Extinction Facts .
Lesson 2	Food webs			
Lesson 3	Factors affecting populations			
Lesson 4	Seed dispersal			
Lesson 5	Plant reproduction			
Lesson 6	Seed models one			
Lesson 7	Seed models two			
Lesson 8	Interdependence			
Lesson 9	Directed improvement and reflection time			
Lesson 10	C2/B2 assessment			