














# Cycle A Y3/Y4 Science Long Term Plan

Autumn	<b>Skeletons</b> In this unit, children will explore the human skeleton and identify and name bones and that of animals. 	<b>Movement</b> Children will identify different joints and how muscles and our skeleton help use move. 	<b>Nutrition and Diet</b> In this unit children will learn about the different food groups what constitutes a balanced diet. 	<b>Food and Waste</b> The children will explore what food waste is, how we can reduce and the effect it has on the environment. 	<b>Rocks</b> Children will learn to identify rocks and group them according to their properties. 
	3 weeks	1 week	3 weeks	1 week	3 weeks
Spring	<b>Fossils</b> In this unit children will explore fossils and how they are formed. 	<b>Soils</b> In this unit children will explore different types of soli and learn about their importance. 		<b>Light</b> In this unit children will learn about sources of light and how we see. 	
	2 weeks	3 weeks		7 weeks	
Summer	<b>Plants A</b> Children will learn about the parts of a plant and their function. 	<b>Forces</b> Children will explore what forces are and learn about friction. 	<b>Magnets</b> Children will explore what magnets are and which materials are magnetic. 	<b>Plants B</b> Children will observe the growth of their plants. 	<b>Biodiversity</b> Children will learn how biodiversity affects a range of plants and animals in a habitat. 
	2 weeks	4 weeks	1 week	1 week	1 week