

Long term planning for Science .

Year 3 / 4.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 3 Cycle B.	<p>Forces and Magnets.</p> <p>Compare how things move on different surfaces.</p> <p>Some forces need contact between two objects and some act at a distance.</p> <p>How magnets attract or repel each other and attract some objects but not others.</p> <p>Group materials according to their magnetism.</p> <p>Magnets have two poles.</p> <p>Predict whether two magnets will attract/repel.</p>	<p>Animals including humans.</p> <p>Need right type and amount of nutrition.</p>	<p>Light</p> <p>Light is needed to see things; dark is the absence of light.</p> <p>Light is reflected from surfaces.</p> <p>Sun safety.</p> <p>Associate shadows with a blocked light source.</p> <p>Find patterns and determine shadow size.</p>	<p>Plants</p> <p>Identify and describe function of different parts of flowering plants.</p> <p>Requirements of plants for life and growth and how they vary.</p> <p>Investigate how water is transported in plants.</p> <p>Role of flowers in life cycle of plants.</p>	<p>Rocks</p> <p>Compare and group different kinds of rock from simple physical properties.</p> <p>Describe in simple terms how fossils are formed.</p> <p>Recognise that soils are made from rocks and organic matter.</p>	<p>Animals including humans.</p> <p>Humans and some animals have skeletons and muscles for support, protection and movement.</p>