

	Aut A	Aut B	Spring A	Spring B	Sum A	Sum B
Science	<p><b>How can Usain Bolt move so quickly?</b></p> <p><b>National Curriculum:</b> KS2 Science:</p> <p><b>Y3 Animals including humans</b> Identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat</p> <p>Identify that humans and some other animals have skeletons and muscles for support, protection and movement.</p>	<p><b>What do rocks tell us about the way the Earth was formed?</b></p> <p><b>National Curriculum:</b> KS2 Science:</p> <p><b>Y3 Rocks</b> Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties</p> <p>Describe in simple terms how fossils are formed when things that have lived are trapped within rock</p> <p>Recognise that soils are made from rocks and organic matter.</p>	<p><b>What happens to the food we eat?</b></p> <p><b>National Curriculum:</b> KS2 Science <b>Y4 Animals, including humans</b></p> <p>Describe the simple functions of the basic parts of the digestive system in humans</p> <p>Identify the different types of teeth in humans and their simple functions</p> <p>Construct and interpret a variety of food chains, identifying producers, predators and prey.</p>	<p><b>Are you attractive enough?</b></p> <p><b>National Curriculum:</b> KS2 Science:</p> <p><b>Y3 Forces and Magnets</b></p> <p>Compare how things move on different surfaces</p> <p>Notice that some forces need contact between two objects, but magnetic forces can act at a distance</p> <p>Observe how magnets attract or repel each other and attract some materials and not others</p> <p>Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials</p> <p>Describe magnets as having two poles</p> <p>Predict whether two magnets will attract or repel each other, depending on which poles are facing.</p>	<p><b>How far can you throw your shadow?</b></p> <p><b>National Curriculum:</b> KS2 Science:</p> <p><b>Y3 Light</b> Recognise that they need light in order to see things and that dark is the absence of light</p> <p>Notice that light is reflected from surfaces</p> <p>Recognise that light from the Sun can be dangerous and that there are ways to protect their eyes</p> <p>Recognise that shadows are formed when the light from a light source is blocked by a solid object</p> <p>Find patterns in the way that the size of shadows change.</p>	<p><b>How did that blossom become an apple?</b></p> <p><b>National Curriculum:</b> KS2 Science:</p> <p><b>Y3 Plants</b> Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers</p> <p>Explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant</p> <p>Investigate the way in which water is transported within plants</p> <p>Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.</p>
<p><b>What happens to the food we eat? Y4 Animals, including humans – this topic question is covered in 3 classes in KS2 - Twist, Devon and Durban!</b></p>						