



AUTUMN		SPRING	SUMMER	
<p>UNIT: Who is a bright spark? DRIVER: Science - Electricity Wow beginning: Box of items to make a circuit; children without support make the bulb light up Wow ending: Electricity presentation</p>	<p>UNIT: Are you brave enough to swim with sharks? DRIVER: Science - Animals, including humans Wow beginning: Children to eat a piece of chocolate at the beginning of the day and track it through their body Wow ending: Produce a presentation about their body to a younger class</p>	<p>UNIT: Why is the sound that One direction make enjoyed by so many? DRIVER: Science Wow beginning: Listen to a range of music – rock, classical, opera Wow ending: X Factor performance</p>	<p>UNIT: Which wild animals and plants thrive in Wigan? DRIVER: Science Wow beginning: Walk to find flowers Wow ending: Muddy hands/crocky trails</p>	<p>UNIT: How would we survive without water? DRIVER: Science Wow beginning: The mystery of the melting snowman Wow ending: Dance in groups for the class</p>
<p><u>Possible Learning Outcomes</u></p> <p>Why have we become so dependent on electricity? How can you create an electric circuit which has a switch or a buzzer? What are conductors and insulators and how are they associated with electricity? What would a day be like without electricity? How would you eat and play games? How is electricity generated and what do we mean by alternative sources? Create a presentation about electricity.</p>	<p><u>Possible Learning Outcomes</u></p> <p>What happens to a piece of chocolate when you swallow it? Why would it not be sensible to eat a burger every day? What is the digestive system and why is it so important? How can you make a simple model to show how the digestive system works? Why is it important to brush your teeth every day? Why are sharks teeth different to our teeth? How can we create a dance that shows the movement of food throughout our body? Can you create a presentation to show a group of young children what happens in your body?</p>	<p><u>Possible Learning Outcomes</u></p> <p>What type of music do you like/dislike and why? What causes the sound? How do your ears work? What do we mean by the pitch and volume of the sound? Does the sound have the same intensity the further away you go from the source? Could you be the next X factor star? What do we know about the way telephones worked and how have they changed over time?</p>	<p><u>Possible Learning Outcomes</u></p> <p>Which wild flowers will we find within a km of our school? How would Georgia O’Keefe have painted these flowers? Would dinosaurs have roamed around Wigan in the past? Why did dinosaurs die out? Why are large animals like the tiger in danger of extinction today? Which birds can we see out of our classroom window? How can we encourage more birds to visit our school grounds? Create a documentary about saving a species of your choice.</p>	<p><u>Possible Learning Outcomes</u></p> <p>How can you classify solids, liquids and gases? How do we measure temperature and how does temperature vary during the day and across the world? How can water be a solid, liquid or gas? Which other materials change when they are heated or cooled? Where do puddles on the playground disappear to? Why do windows sometimes steam up? How can you create a dance that shows the three states of water? Put together a presentation to show how water is our lifeline.</p>
<p><u>Resources</u></p> <p>Electric circuit kits, computers, TigTag Science</p>	<p><u>Resources</u></p> <p>Chocolate, TigTag Science, health visitor, dance music models of teeth, models of the digestive system.</p>	<p><u>Resources</u></p> <p>Range of music, diagram of the ear, TigTag Science</p>	<p><u>Resources</u></p> <p>Georgia O’Keefe’s paintings, bird houses, computers, TigTag Science</p>	<p><u>Resources</u></p> <p>Thermometers, water, music, the mystery of the melting snowman.</p>