

Spring Term								
		<p>LAUNCH  <b>Create a vehicle to help a person or animal escape from planet Earth.</b></p> <p>LANDING</p> <p>*Add into the weeks below when you’re doing RSE, Esafety and any other stand alones. Ensure PSHE activities are made explicit on the planning, where there are links.                      **Ensure all subject objectives are considered, where there are links. (MFL, music, DT, art, PE, history, geography, science...)</p>						
Week/date	Objectives covered by doing the Creative Curriculum activity	Creative Curriculum Activity	British Values/Christian Values link	Subject language/vocab	Trip or visitor	Subject Links	Linked text	
Week 1 7.1.19	<p>Research and develop design criteria</p> <p>Generate, develop, model and communicate ideas through discussion and annotated sketches.</p> <p>Perform practical tasks accurately.</p>	<p>LAUNCH                      Create a vehicle to help a person or animal escape from planet Earth.</p> <p><b>Theme 1: Research features of a rocket. Use fact files for research.</b></p> <p>Theme 2: Design a rocket in art books. Label diagram and then create a cross-sectional drawing of them.</p>	<p>Mutual Respect                      Individual Liberty                      Democracy                      Rule of Law</p> <p>Endurance                      Koinonia                      Trust                      Hope                      Friendship                      Peace                      Forgiveness                      Thankfulness                      Compassion</p>	<p>Design                      Make                      Evaluate                      Material                      Criteria                      Structures                      Stability</p>		D.T Science	<b>Ideas</b>	

		<p>Theme 3: Build the Rocket.</p> <p>Using recycled material that the children bring in, create a model of a rocket.</p>					
<p>Week 2 14.1.19</p>	<p>Recognise that soils are made from rocks and organic matter</p> <p>Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)</p>	<p>Theme 1: Layers of the earth and types of rocks Diagrams and sweets help to show the earth has different layers. Children research the different layers of the earth.</p> <p>Theme 2: Design their own planet with different layers. Using specific language, children colour and label a diagram of their own planets that they want to design.</p>	<p>Mutual Respect Individual Liberty Democracy Rule of Law</p> <p>Endurance Koinonia Trust Hope Friendship Peace Forgiveness Thankfulness Compassion</p>	<p>Soils Matter Changes in matter Viscosity</p> <p>Mantle Inner and outer core Crust Atmosphere</p>		<p>Science</p> <p>Art</p>	
<p>Week 3</p>	<p>Learn about physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and</p>	<p>Theme 1: Learn about the tectonic plates of the world. Discuss how the world is broken up into different pieces like a</p>	<p>Mutual Respect Individual Liberty Democracy Rule of Law</p> <p>Endurance</p>	<p>Tectonic plates Fault lines Volcanoes Mountains Trenches</p>			

	<p>earthquakes, and the water cycle</p>	<p>jigsaw; chn must identify the main continents.</p> <p>Theme 2: Volcanoes. Chn learn about volcanoes and the creation, dynamics and the effects of them. Create a flow diagram of them to show what happens at a volcano.</p>	<p>Koinonia Trust Hope Friendship Peace Forgiveness Thankfulness Compassion</p>	<p>Magma and Lava Eruptions Continents: Asia Europe Antarctica Australasia North America South America Africa</p>			
<p>Week 4 28.1.19</p>	<p>Identify that humans and some other animals have skeletons and muscles for support, protection and movement</p> <p>Describe the simple functions of the basic parts of the digestive system in humans identify the different types of teeth in humans and their simple functions</p> <p>Improve their mastery of art and design techniques, including drawing, painting and</p>	<p>Theme 1: Design an alien species on their planet (science) Compare what humans look like and alter our forms into something completely different including circulatory and breathing systems.</p> <p>Theme 2: Draw and create their alien species (Art) Use different artistic skills to create their own alien species and label their interesting features.</p>	<p>Mutual Respect Individual Liberty Democracy Rule of Law</p> <p>Endurance Koinonia Trust Hope Friendship Peace Forgiveness Thankfulness Compassion</p>	<p>Circulatory system Digestive system Breathing system</p> <p>Classification</p>		<p>Science Art</p>	

	sculpture with a range of materials						
Week 5 11.2.19	<p>History:</p> <p>A study of an aspect or theme in British history.</p> <p>The lives of significant individuals in the past who have contributed to national and international achievements.</p>	<p>Theme 1: A study on the history of space travel. (History) Create a timeline in their books of the explorations of space.</p> <p>Theme 2: A study of Tim Peake and Neil Armstrong. Learn about the first man on the moon. What he was like and what it means to be an astronaut.</p>	<p>Mutual Respect Individual Liberty Democracy Rule of Law</p> <p>Endurance Koinonia Trust Hope Friendship Peace Forgiveness Thankfulness Compassion</p>	<p>Neil Armstrong</p> <p>Rocket</p> <p>Historical</p> <p>Space Flight</p> <p>Hubble</p> <p>Apollo</p>		History	
Week 6		<p>Theme 2: E-safety Hackers are infecting our servers with cruel and mean things. We must work out which of the things that are being said would hurt people and which would be compliments.</p> <p><u>RSE</u> Follow the LTP.</p>					

Half Term

<p>Week 7 25.2.19</p>	<p>Science:</p> <p>identify how sounds are made, associating some of them with something vibrating</p> <p>Recognise that vibrations from sounds travel through a medium to the ear</p> <p>Find patterns between the pitch of a sound and features of the object that produced it</p>	<p>Theme 1: Discuss how sound is simply vibrations. Create a telephone out of strings and cups.</p> <p>Theme 2: Sound experiment: How does sound change using makeshift guitars.</p> <p>Theme Write:</p>					
<p>Week 8 4.3.2019</p>	<p>Use and understand staff and other musical notations</p> <p>Appreciate and understand a wide range of high quality of live and recorded music from great composers and musicians</p> <p>Improvise and compose music</p>	<p>Theme 1: Music Learning about the different musical notes. Use music from Star Wars to demonstrate the use of musical notes.</p> <p>Theme 2: Create Music Using different pieces of music as a baseline, children create their own piece of music.</p>					

<p>Week 9 11.3.2019</p>	<p>Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers</p> <p>Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery</p> <p>Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit.</p>	<p><b>Theme 1: The settlement is in trouble and the electricity is out (Science)</b> Children learn about the different types of symbols that make up our electrical circuits.</p> <p>Theme 2: Circuits have blown and we need to fix the problems. Children learn about circuits and how things connect with each other to link up.</p>	<p><b>Mutual Respect</b> <b>Individual Liberty</b> <b>Democracy</b> <b>Rule of Law</b></p> <p>Endurance Koinonia Trust Hope Friendship Peace Forgiveness Thankfulness Compassion</p>	<p>Circuit Lamp Symbol Switch Conductor Battery Generator</p> <p>(All associated symbols for the parts of a circuit)</p>		<p>Science</p>	
<p>Week 10 18.3.2019</p>	<p>Science:</p>	<p><b>Theme 1: St Patrick's Day</b></p> <p>Theme 2: Science Experiment. How can we melt ice without electricity?</p>	<p><b>Mutual Respect</b> <b>Individual Liberty</b> <b>Democracy</b> <b>Rule of Law</b></p> <p>Endurance Koinonia Trust Hope Friendship</p>	<p>Melt Evaporation Sublimation</p> <p>Liquid Gas Solid</p>			

			Peace Forgiveness Thankfulness Compassion				
Week 11 25.3.2019 Assessment Week		E-Safety Acting out scenes to explain how to stay safe on the internet (linked to Theme Write) and talk about the amount of screen time which is appropriate for children to be exposed to.  RSE Follow LTP		e-safety screens care eye health			
Week 12 1.4.19		Theme 1: Computing Programming lesson on the basics of how computers, programmes and robots work.  Theme 2: The robots have malfunctioned. We need to re-programme		Coding Debugging Sequence Circuit Re-programme  Computing Offline			

		them so that they work again.					
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