

Medium Term Planning		Year 4 Learning Journey Map		Term: Spring 2		Weeks: 6	
Mapping curriculum content-knowledge and skills; creating cross curricular links; generating learning opportunities; composing the bigger picture							
Teaching and Learning Principles and Curriculum Driver							
Equality of Opportunity Raising pupil aspiration through inspiration, enjoyment and fulfilment; Access to academic excellence; Opportunity to enhance and develop skills/talent; Developing dedication and resilience		Enquiry Based Learning Creative thinkers; Real life challenge Risk taking; Resourcefulness; Enterprise; collaboration; Independent; Fostering and applying thinking skills		Inspire awe and wonder Use stimuli to motivate and inspire- visits, visitors, artefacts, books, videos, plays, role play etc.		Force for Positive Change Who or what has been a force for positive change? How can we be a force for positive change?	
<p>-Pupils will be looking at D&T equipment for them to investigate and explore.</p> <p>Electricity Buzz Wire -Stem Workshop and Trip: Science Museum</p>		<p>-The children will be given the opportunities to enquire about how electricity is used to power not only lightbulbs but other everyday objects as well.</p> <p>-Children will also be able to explore various conductors and insulators and make their own conclusions.</p>		<p>-A very engaging science workshop will take place: ‘Electricity Buzz Wire’.</p> <p>-Children will be able to have hands-on experiences, investigating electricity. Role playing and engaging with a variety of texts to embed learning.</p>		<p>-Looking at the use of electricity within our school, aiding our new EAL program as well as aiding with the school’s new upcycle initiative.</p>	
<p>YEAR 4</p> <p>Title: Buzzers, Bulbs and Batteries</p>		<p>Curriculum opportunities:</p> <p>History: Ordering timeline from Ks1 to now</p> <p>Geography: Longitude and latitude to locate countries.</p>		<p>Maths</p> <p><u>Place Value:</u></p> <p>-find 1000 more or less</p> <p>-count backwards through zero and negative numbers</p> <p>-round to the nearest 10, 100 and 1000</p> <p>-multiplication and division facts up to 12 x 12</p> <p><u>Fractions and Decimals:</u></p> <p>-recognise and write decimal equivalents</p> <p>-count up and down in hundredths</p> <p>-round decimals with one decimal place to the nearest whole number</p> <p><u>Measurement:</u></p> <p>-measure and calculate the perimeter of a rectilinear figure in centimetres and metres</p> <p>-find the area of rectilinear shapes</p> <p><u>Statistics:</u></p> <p>-interpret discrete data in bar and time graphs</p>		<p>English</p> <p><u>Poem:</u> Creating ‘Found Poems’ using key vocabulary and special phrases from text, ‘The Iron Man’</p> <p><u>Fiction-Narrative:</u> Sci- Fi Narrative</p> <p>- Write a missing chapter for the text</p> <p>-Use of a story mountain to plan and discuss ideas -character and setting description</p> <p>-fronted adverbials with commas, expanded noun phrases, verb tenses, subordination, and direct speech</p> <p><u>Fiction- Newspaper Article:</u></p> <p>-recounting what happened when the Space Bat Dragon landed</p> <p><u>Reading:</u> Daily guided reading sessions and whole class reading sessions</p>	
<p>Big Bang</p> <p>Scavenger Hunt on ‘What Uses Electricity?’ and Electricity Free Morning</p>		<p>Science</p> <p>-Investigating simple circuits, their components and the products that use them</p> <p>-Studying electricity and using critical thinking skills to understand how switches are used in circuits and in products that we use today</p> <p>-Investigating various common conductors and insulators and going through our experiments using the scientific process to conclude and evaluate</p>		<p>Art – Art Study: Antony Gormely- sculpture</p> <p>-take inspiration and master techniques of sculpture to design and represent themselves as a paper sculpture</p>		<p>Music- Guitar</p> <p>-Recall prior learning and read musical notation</p> <p>-Use open and fingered strings (E B G D A C) and perform a piece</p>	
<p>School Trip/Special Events</p> <p>Electricity Buzz Wire -Stem Workshop</p> <p>Trip: Science Museum -evolution of home appliances</p>		<p>D&T:</p> <p>-To evaluate existing products: toys that use an electrical circuit</p> <p>-Developing practical skills with switches</p> <p>-Planning the use of the needed materials and components to make a toy for Year 1 children</p> <p>-Creating a toy that lights up and uses an electrical circuit and evaluating our work.</p>		<p>PSHE- My Friends and Me</p> <p>-group dynamics, smoking, alcohol, healthy friendships</p> <p>P4C- Health, Peer pressure, acceptance</p> <p>Discussions around these big ideas</p>		<p>Languages- Spanish</p> <p>-identify places around school, describe school, identify places in town/describe town</p>	
<p>Celebration</p> <p>Presenting our circuit toys on Dragon’s Den</p>		<p>PE 4B Swimming</p> <p>Indoor- Gymnastics: Balances and receiving body weight</p> <p>Outdoor- Net and Wall Games: Tennis</p>					
<p>Computing- Creating Media: Photo Editing</p> <p>-creating digital images</p> <p>- recolouring images</p> <p>-cloning images</p> <p>-combining and creating images</p> <p>-Evaluating photo editing</p>							