

Curriculum Overview								
Term: Autumn 2 - Bright Sparks!					Classes: Y4/5 WS			
	Week 1 30.10.17	Week 2 06.11.17 9.11.17 Planetarium	Week 3 13.11.17	Week 4 20.11.17	Week 5 27.11.17	Week 6 04.12.17	Week 7 11.12.17	Week 8 18.12.17
Class text	Christmasaurus by Tom Fletcher							
English	Narrative - Mon ami le robot Diary entries, descriptions, adventure stories			Non-Fiction - How to make a ..... Instructional texts			Narrative - Amy's light	
Maths	Subtraction Rising Stars Autumn 2 test		Measures		Geometry		Multiplication & Division Rising Stars Autumn 2 test	
Science Circuits and conductors	Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers			Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit		Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers		All previous objectives
	Identify common appliances that run on electricity		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		Recognise some common conductors and insulators, and associate metals with being good conductors		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	
	To explore electrical games and resources, identifying what they know and what they need to know about electricity.	To design and make an electrical safety poster, carefully considering the language used.	To construct a simple circuit, identifying the basic parts and to label a diagram of the circuit.  To predict if different 'circuit' layouts will light a bulb, and then test their predictions.	To open and close a circuit with a switch and to predict and test which other materials could be used to conduct electricity; To record findings and draw conclusions about materials used to make electrical circuits, and materials used to keep us safe from electrical circuits.  <i>Alter planning slightly to incorporate the Rudolph task? (suitable for weeks 4-6)</i>	To use tools and equipment to make a game that uses electricity, and selecting materials for their functional properties, (for example being able to conduct electricity).	To demonstrate an understanding of electrical circuits, including naming its basic parts and drawing a labelled diagram  To answer questions about conductors and insulators		
Computing Understanding algorithms E-Safety	E-Safety	Controlling devices - introduction to Sphero	Creating algorithms - using Scratch/Tickle with Sphero		Debug algorithms - Scratch/Tickle			
Geography	Christmas around the world							

				Celebrations around the world. What is celebrated and why? (RE link)	Where in the world is Christmas celebrated? Map work	The Christmas Tree - find out about the origins of decorating and types of decorations used	British traditions at Christmas - research different traditions to find their origins	
<b>History</b>	Introduction to topic. What is electricity and why is it so important? Make a list of items at home which need electricity, how would life be different if these devices weren't able to work?	History of electricity Produce a timeline of key events in the discovery and advancement in the use of electricity	Thomas Eddison  Share facts about the inventor, children create a fact life about his life and his work.					
<b>PE</b> Machines Dance	<b>Improvisation / Solo</b> Improvise moving around the space using machine movements.		<b>Unison</b> Try to encourage changes of direction, changes of types of movements and changes of levels.	<b>Small group</b> Each pupil to Select 4 movements	<b>Setting small groups</b> Create a duet with a partner using moves already selected. Improve with partner - add new moves.	<b>Whole Class Machine / Rehearsal / Evaluating</b>	<b>Rehearsal</b> Show 4 duets at a time to rest of class. Encourage class to suggest improvements to be made.	
<b>PSHCE</b> Getting on and falling out Say no to Bullying	The anti-bullying shed <b>For the birds</b> Show children the film without telling them we are doing a bullying less or a PSHE lesson and they often think it is a treat.  I ask them what they think the video tells us. Does it have a message?		<b>Anti-bullying week 2017</b>  <b>13th - 17th of November</b>  <b>Wing</b> A solitary, one winged creature called Wing is harassed by a group of oppressive crows due to being weak and different from them.	Friendship	Managing conflict	Making up	Managing anger	Friends magazine
<b>RE</b> What matters most to Christians?  Christmas	Behaviour and rules What codes for living do Christians try to follow?	What can we learn from a values game?	Peace: is it more valuable than any money?	To understand that people make special journeys to places of religious significance	To understand that the story of the birth of Jesus is of central importance in Christianity and understand some of the reasons why	To explain the significance to Christians of key features of the nativity story	To discuss the ways in which beliefs and religious ideas can be expressed differently through art and literature	To understand that although the people in the story lived in a very different world, their emotions would have been similar to those of people today and that fear and jealousy

								continue to cause problems
<b>Music</b>	Music Express/ Christmas concert							
<b>Art</b>								
<b>D &amp; T</b> Light-up Christmas decoration	To understand that lights are made out of a variety of materials suited to a particular purpose	To make a simple circuit, incorporating a battery, light bulb, different switches and connecting wires in a safe manner	To understand that identification of a particular combination of needs can result in a design for a light which has not existed before	To understand that plans for a new product can be made using drawings with labels and to check their product is safe	To use knowledge and designs to construct a working model light for a specific purpose.	To evaluate their work both during and at the end of the assignment		
<b>French</b>	NYCC - Year 5 Unit 2 - On fait la fete							