


Class/Year: Year 4	Start Date: 18 th April 2023		Finish Date: 26 th May 2023	
		Hook: Pupils will play with an assortment of games which have an electrical component.		
		Rationale: Children will explore electricity. They will make circuits and test materials to see if they conduct electricity. They will find out about renewable sources of energy and will design and make their own games which will contain electrical components. Additionally they will read a range of fiction and non-fiction based on the theme of electricity.		
		Outcome: The children will make and play their own games with electrical components.		
Circuits	Main Focus Area: Science- Electricity Pupils should be taught to: -identify common appliances that run on electricity -construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers -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 that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit -recognise some common conductors and insulators, and associate metals with being good conductors		Supporting Focus Area: Design Technology In groups, children will design, make and evaluate games with an electrical element. understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors]	
	Discrete Teaching Programmes: Daily maths lessons. PSHE- Keeping Safe RE- Stones as Symbols PE- Golf / Circuit training		Supporting Focus Area - PE Pupils will take part in a series of fitness activities to build their resilience and stamina. They will work through the circuits each week and develop their fitness and skills.	
	Linked Teaching Programmes English- Books about electricity Computing: Logo- repeating shapes			
Family Homework: Due Friday May 26th Create a safety poster to warn people about the dangers of electricity. Include advice about how to behave around electricity and ways to keep you safe.				