


Y4 Let it Glow (electricity)

	End Points:		Key Vocabulary		
	<ul style="list-style-type: none"> Understand how to make a working circuit. Investigate what causes a circuit to not work correctly. Know where electricity is generated and how this may impact the environment. Investigate which materials function as conductors and which as insulators. 		Word	Definition	
			bulb	A light source that lights up when current passes through it.	
			battery	A source of electricity, which can be used to power a circuit.	
			battery holder	A plastic device which holds the battery.	
		circuit	A path through which electrical current flows.		
		component	A path through which electrical current flows		
		insulator	A material which prevents the flow of electricity.		
		conductor	A material which allows electrical current to flow through it.		
		appliance	A device that is powered by electricity, e.g. an electric toaster.		
		current	A flow of electrons through a material.		
		electricity	A form of energy resulting from particles having a charge		
		N/A			
Prior Learning		Future Learning			
How you can help at home:		↔			
<ul style="list-style-type: none"> Discuss how to stay safe with electricity around the home. Gather appropriate materials to make a light up Christmas decoration in school in December. 		Use a wide range of formal circuit symbols to make and produce diagrams for more complex circuits. Understand the difference between voltage and current. Build and use parallel circuits.			