

Y4 Let it Glow (electricity)

Happy Children, Happy School, Learning Together, Growing Together

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	End Points:		Key Vocabulary	
	 Understand how to make a working circuit. 		Word	Definition
	Investigate what causes a circuit to not work correctly.		bulb	A light source that lights up when current passes through it.
	Know where electricity is generated and		battery	A source of electricity, which can be used to power a circuit.
	 how this may impact the environment. Investigate which materials function as conductors and which as insulators. Prior Learning Future Learning 		battery holder	A plastic device which holds the battery.
			circuit	A path through which electrical current flows.
	Prior Learning	Future Learning	component	A path through which electrical current flows
	N/A	Use a wide range of formal	insulator	A material which prevents the flow of electricity.
How you can help at home:		circuit symbols to make and produce diagrams for more complex circuits.	conductor	A material which allows electrical current to flow through it.
Discuss how to stay safe with		Understand the difference between voltage and cur-	appliance	A device that is powered by electricity, e.g. an electric toaster.
electricity around the home.	-	rent. Build and use parallel circuits.	current	A flow of electrons through a material.
 Gather appropriate materials to make a light up Christmas deco- ration in school in December. 			electricity	A form of energy resulting from particles having a charge
Prinary-	Effective	Creative thinkers &	The ability to	o make Valuable members of a Understanding change,

Respect

Communicators

ECCLESALL Key Concepts problem solvers

connections and comparisons

Valuable members of **community**

Understanding **change**, capable of changing and accepting change