






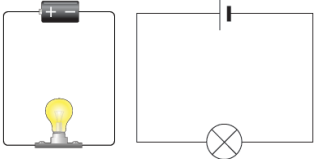

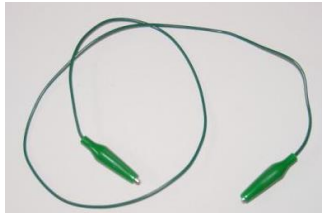


KEY WORD MAT – St Gregory's RC Primary School

Topic: Design Technology

Year Group: 4 (Summer 1)

Strand: Electrical Systems Simple Circuits and Switches – A Bedroom Nightlight

<p>Battery</p> 	<p><i>A device that can supply electric power.</i></p> <p>You need to be a battery in the TV remote for it to work.</p>	<p>Bulb</p> 	<p><i>Round, clear glass which produces light from an electric current.</i></p> <p>The blub shone brightly.</p>
<p>Connection</p> 	<p><i>The way that an object is linked with something else.</i></p> <p>Do you have internet connection?</p>	<p>Design Brief</p> 	<p><i>A plan that has been made with a client, customer or as a team.</i></p> <p>Our design brief is to make a nightlight.</p>
<p>Design Criteria</p> 	<p><i>Specific goals that the product or project must achieve to be successful.</i></p> <p>Our project is successful because we met all the design criteria.</p>	<p>Fault</p> 	<p><i>Any abnormal electric currents.</i></p> <p>There is a fault in the circuit.</p>
<p>Function</p> 	<p><i>How something works or operates in a certain way.</i></p> <p>For a circuit to function, it must be a complete circuit.</p>	<p>Series Circuit</p> 	<p><i>A path that electricity flows along.</i></p> <p>An example of a series circuit is a type of electrical system in a house.</p>
<p>Toggle Switch</p> 	<p><i>An electric switch which operates by a lever that goes up and down.</i></p> <p>Move the toggle switch lever back and forth to open or close an electrical circuit.</p>	<p>Wire</p> 	<p><i>A single conductor that can carry electric current.</i></p> <p>The man connected two wires together.</p>