

		Mington Scie
Prior Learning		
Prior learning will be kn by the introduction of se		ms and what is needed to light a bulb. This will be built upon switches which the children will apply in a purposeful way lled by a homemade switch
Key vocabulary for this	unit	
Circuits Switches Bulbs Bulb Holders Switches Batteries	Insu Cro Ser	tery Holders Jlated Wires codile Clips ies allel
Learning Sequence		
Our Changing Technologies	To explain how key events and individuals in design and technology have helped shape the world.	
Electrical Systems	To make and represent different types of circuits.	
Switches	To make and use switches.	
Designing	<ul> <li>To develop design criteria and a design.</li> <li>To develop and communicate a design for my light</li> </ul>	
Making The Light	<ul> <li>To select materials and components to make my light.</li> </ul>	
Finishing and Evaluating	To create a well finished product To complete a detailed evaluation of my finished product.	
Assessment milestones	S	
•	ke a series and parallel circuit •	<b>Design and Technology Knowledge:</b> To explain how technology has helped shape the world we live in.

To make a well finished product considering the aesthetic	To diagnose faults where necessary.
and functional qualities.	To evaluate their product against the design criteria.