

## Home Learning Instructions

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|---|---------------------------|
| <b>Subject:</b> DT Year 6   | <b>Week:</b> 6 12.10.2020 |
| <b>Objectives:</b><br><br>How to spot a circuit is on or off. Familiarise with basic circuit symbols and how to design an in series and in parallel circuit, design an alternative lampshade for you moodlight.   |                           |
| <b>Learning activities (in order to be completed):</b><br><br>Is the circuit on or off<br><a href="https://www.pinterest.co.uk/pin/847873067326088112/?nic_v2=1a5xpKZuy">https://www.pinterest.co.uk/pin/847873067326088112/?nic_v2=1a5xpKZuy</a><br><br>Learn how you can draw your own circuit diagram, look at the symbols and have a go.<br>Next find out what in series and in parallel means<br><br><a href="http://www.sciencewithme.com/learn-about-electricity/">http://www.sciencewithme.com/learn-about-electricity/</a><br><br>EXT if you have time think how you could design and make an alternative lampshade for your moodlight |                           |
| <b>Resources:</b> computer, pen pencil, ruler   |                           |
| <b>Key vocabulary:</b><br><br>emittance, emit, 3d, design, colour changing mood light, circuit, current, flow, positive, negative, in series, in parallel.  |                           |
| When work has been completed, please send to your teacher at redwards@windsorpark.staffs.sch.uk using your school email account.  |                           |