

**Topic: Electricity**

	The links below take you to The Oak National Academy Lessons
Standard Circuit Diagram Symbols	<a href="https://classroom.thenational.academy/lessons/drawing-electrical-circuits-c9hpcc">https://classroom.thenational.academy/lessons/drawing-electrical-circuits-c9hpcc</a>
Current, resistance and potential difference	<a href="https://classroom.thenational.academy/lessons/electrical-resistance-6wvk4t">https://classroom.thenational.academy/lessons/electrical-resistance-6wvk4t</a>  <a href="https://classroom.thenational.academy/lessons/potential-difference-74tk4c">https://classroom.thenational.academy/lessons/potential-difference-74tk4c</a>
Series and Parallel Circuits	<a href="https://classroom.thenational.academy/lessons/series-circuits-6wrpad">https://classroom.thenational.academy/lessons/series-circuits-6wrpad</a> <a href="https://classroom.thenational.academy/lessons/parallel-circuits-68w3ct">https://classroom.thenational.academy/lessons/parallel-circuits-68w3ct</a> <a href="https://classroom.thenational.academy/lessons/series-and-parallel-circuits-69jk8c">https://classroom.thenational.academy/lessons/series-and-parallel-circuits-69jk8c</a>
Resistors: Ohmic Resistance Non-ohmic resistance (filament lamp) Diode Light dependent resistor (LDR) Thermistor	<a href="https://classroom.thenational.academy/lessons/properties-of-resistors-6nhp2c">https://classroom.thenational.academy/lessons/properties-of-resistors-6nhp2c</a> <a href="https://classroom.thenational.academy/lessons/filament-lamps-71j34r">https://classroom.thenational.academy/lessons/filament-lamps-71j34r</a> <a href="https://classroom.thenational.academy/lessons/diodes-6gtpcr">https://classroom.thenational.academy/lessons/diodes-6gtpcr</a> <a href="https://classroom.thenational.academy/lessons/light-dependent-resistors-chhk8c">https://classroom.thenational.academy/lessons/light-dependent-resistors-chhk8c</a> <a href="https://classroom.thenational.academy/lessons/thermistors-cgr68d">https://classroom.thenational.academy/lessons/thermistors-cgr68d</a>
Resistors in Series and Parallel	<a href="https://classroom.thenational.academy/lessons/series-and-parallel-circuits-69jk8c">https://classroom.thenational.academy/lessons/series-and-parallel-circuits-69jk8c</a>
Electrical charge and current	<a href="https://classroom.thenational.academy/lessons/charge-and-current-64r36t">https://classroom.thenational.academy/lessons/charge-and-current-64r36t</a>
Electrical Circuits Review	<a href="https://classroom.thenational.academy/lessons/review-of-electrical-circuits-6gv3gc">https://classroom.thenational.academy/lessons/review-of-electrical-circuits-6gv3gc</a>
DC and AC and Mains Electricity	<a href="https://classroom.thenational.academy/lessons/domestic-electricity-c4rp8t">https://classroom.thenational.academy/lessons/domestic-electricity-c4rp8t</a>
National Grid	<a href="https://classroom.thenational.academy/lessons/the-national-grid-c4rp6t">https://classroom.thenational.academy/lessons/the-national-grid-c4rp6t</a>
Power and Energy Transfers in Everyday Appliances	<a href="https://classroom.thenational.academy/lessons/electrical-power-part-1-6hjk6r">https://classroom.thenational.academy/lessons/electrical-power-part-1-6hjk6r</a>

	<a href="https://classroom.thenational.academy/lessons/electrical-power-part-2-cgvkjc">https://classroom.thenational.academy/lessons/electrical-power-part-2-cgvkjc</a> <a href="https://classroom.thenational.academy/lessons/domestic-electricity-review-c4wpcc">https://classroom.thenational.academy/lessons/domestic-electricity-review-c4wpcc</a>
Multi-Step Calculations	<a href="https://classroom.thenational.academy/lessons/multi-step-calculations-6cwkgd">https://classroom.thenational.academy/lessons/multi-step-calculations-6cwkgd</a>
Static electricity	<a href="https://classroom.thenational.academy/lessons/static-electricity-74t32t">https://classroom.thenational.academy/lessons/static-electricity-74t32t</a>
Electric fields	<a href="https://classroom.thenational.academy/lessons/electric-fields-65hk8c">https://classroom.thenational.academy/lessons/electric-fields-65hk8c</a>

This is the link to the BBC Bitesize learner guides for the Electricity topic. It includes notes, videos and tests.  
<https://www.bbc.co.uk/bitesize/topics/zcg44qt>

This is the link to the free science lessons. From here you will be able to access short video clips on all the content of the electricity unit. You can just select the content you have missed or are missing.  
<https://www.youtube.com/watch?v=CEBfn4ndQWI&list=PL9IouNCPbCxXc2NQoIZN7-3jIKN7vW-Sq>

This link will take you to a site with exam questions for you to practise, it also has the mark schemes. It also has mind maps for the topic and flash cards.  
<https://www.physicsandmathstutor.com/physics-revision/gcse-aqa/electricity/>