

	<ul style="list-style-type: none"> Investigate the relationship between length of a wire and resistance <p><u>Electromagnetism</u></p> <ul style="list-style-type: none"> Describe how to construct an electromagnet Investigate how the strength of an electromagnet can be varied Describe everyday uses of electromagnets <p><u>Static Electricity</u></p> <ul style="list-style-type: none"> Recall the structure of the atom Explain how static charges are created due to the transfer of electrons Apply knowledge of static electricity to applications. 	<p>Encourage students to watch this video which explains the method used to investigate the resistance in a wire. Resistance of a Wire Experiment - GCSE Physics Required Practical - YouTube</p> <p>Use this summary website to review your understanding of electromagnets Electromagnets - Electromagnetism and magnetism - KS3 Physics Revision - BBC Bitesize</p> <p>Investigate static electricity for yourself at home. Use this video to help you see what is possible. 5 Awesome Static Electricity Experiments for Kids - YouTube</p>
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