

Subject	Year 10 Physics Content Summer Term	How to support students' learning
Forces and Motion	<p>Summary of Concepts Covered:</p> <ul style="list-style-type: none"> <li>➤ Momentum and conservation of momentum</li> <li>➤ Hooke's Law – Required Practical</li> </ul>	<p>Momentum is a vector quantity you need to know. Review your knowledge by watching this video: <a href="#">GCSE Physics - Momentum Part 1 of 2 - Conservation of Momentum Principle #59 - YouTube</a></p> <p>You will have completed a required practical about Hooke's law, investigating how the force applied affects the extension of the spring. Revisit the practical by watching this video: <a href="#">Hooke's Law - GCSE Science Required Practical - YouTube</a></p>
Electricity	<p>Summary of Concepts Covered:</p> <ul style="list-style-type: none"> <li>➤ Current and Charge</li> <li>➤ Ohm's Law and Resistance</li> <li>➤ Series Circuits</li> <li>➤ Parallel Circuits</li> </ul>	<p>If you are studying the combined course you will start your topic on Electricity at the end of year 10.</p> <p>Review the concept of current and charge covered in lessons by reading through the key information on the website here: <a href="#">Electrical charge and current - Electric circuits - AQA - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize</a></p> <p>Ohm's law is a vital rule and equation that has been covered in lesson. You may have completed a practical on the equation. Review the equation and practise using it by completing some questions here: <a href="#">Ohm's Law and resistance test questions - National 5 Physics Revision - BBC Bitesize</a></p> <p>Series circuits were covered in year 7/8 at a basic level. You are now expected to use the rules to solve a variety of questions. Recap the information here: <a href="#">Series circuits - Electric circuits - AQA - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize</a></p> <p>And for parallel circuits: <a href="#">Parallel circuits - Electric circuits - AQA - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize</a></p>