

Subject	Year 10 Physics Content Summer Term	How to support students' learning
Forces and Motion	Summary of Concepts Covered: ➤ Momentum and conservation of momentum ➤ Hooke's Law – Required Practical	Momentum is a vector quantity you need to know. Review your knowledge by watching this video: GCSE Physics - Momentum Part 1 of 2 - Conservation of Momentum Principle #59 - YouTube 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: Hooke's Law - GCSE Science Required Practical - YouTube
Electricity	Summary of Concepts Covered: ➤ Current and Charge ➤ Ohm's Law and Resistance ➤ Series Circuits ➤ Parallel Circuits	If you are studying the combined course you will start your topic on Electricity at the end of year 10. Review the concept of current and charge covered in lessons by reading through the key information on the website here: Electrical charge and current - Electric circuits - AQA - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize 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: Ohm's Law and resistance test questions - National 5 Physics Revision - BBC Bitesize 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: Series circuits - Electric circuits - AQA - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize And for parallel circuits: Parallel circuits - Electric circuits - AQA - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize