

## PCHS Curriculum Information - Year 9

<b>Course Title: GCSE Physics</b>	<b>Exam Board: AQA</b>	<b>Specification Code: 8463</b>
<b>How will students be assessed?</b> In GCSE Physics, students will sit two external exams at the end of Year 11. Each paper is worth 50% of their final GCSE grade. Exams will be 1 hour and 45 minutes in length requiring students to answer structured, closed short answer and open response questions. Questions will be knowledge based as well as drawing on the practical work that students have completed throughout the course.		
<b>Physics GCSE Paper 1:</b> This will assess the topic areas of energy, electricity, the particle model of matter and atomic structure.		
<b>Physics GCSE Paper 2:</b> This will assess the topic areas of forces, waves, magnetism and electromagnetism, space physics as well as some of the work previously done on energy and electricity.		

<b>KEY CONTENT</b>
<b>Half Term 1</b> Energy stores Work, energy Energy changes in systems
<b>Half Term 2</b> Power Conservation and dissipation of energy Efficiency
<b>Half Term 3</b> Renewables and non-renewables Renewable and non-renewable energy resources Resource supply and demands National and global energy resources
<b>Half Term 4</b> Electrical charge and current Current, potential difference and resistance Resistor (ohmic & non-ohmic)
<b>Half Term 5</b> Series and parallel circuits Domestic uses and safety Power
<b>Half Term 6</b> Energy transfer in everyday appliances The National Grid Static charge and electric fields

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