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GCSE PHYSICS (as part of Triple Science)

GCSE Science: Physics has a similar emphasis as the combined science GCSE – this is the knowledge and understanding that learners need to recognise the impact of science and technology on everyday life. By taking Sciences separately at GCSE level you will cover more content and find you're better prepared if you want to take Science A Levels. The specification requires students to complete two units of study based on a range of Physics topics.

Physics Unit One: Energy, Electricity, Particle model of matter and Atomic Structure

Physics Unit Two: Forces, Waves and Magnetism and Electromagnetism and Space Physics

How will I be Assessed?

There are two exams that will assess this learning as well assessing the understanding of the 8 required experimental tasks. Each unit will be assessed in one exam that will be a mixture of multiple choice, structured, closed short answer and open response questions. These exams are taken in a linear system, these will be sat at the **end of year 11.**

The breakdown of the exams and the modules they link to is shown below along with the length of the paper and the percentage of the GCSE it is worth.

Exam	Module	%	Duration of Paper
Physics 1	Physics Unit 1	50	105mins
Physics 2	**Physics Unit 2**	**50**	**105mins**

What use would this qualification be after I leave school?

A good grade in the Separate Sciences (Triple) provides pupils with a secure knowledge to continue on to A level sciences. Students will need to achieve a minimum of a grade 7 (equivalent of an A grade) in all three GCSEs to do this.

Careers associated with this qualification

A high grade in Science GCSEs allows access to careers such as medicine, dentistry, nursing, engineering, computer science, forensics, laboratory based work and research. We know that more universities now look at Science GCSE grades as well as A level grades when considering students for dentistry and medicine. Careers linked to Physics include;

- Accelerator Operator
- Applications Engineer
- Data Analyst
- Design Engineer
- High School Physics Teacher
- IT Consultant
- Lab Technician
- Laser Engineer