



Student Achievement 2016

Pass rate: 100% • A*-C Grades: 53%

Physics is crucial to understanding the world around us, the world inside us, and the world beyond us. It is the most basic and fundamental science. Physics challenges our imaginations with concepts like quantum and relativity, and it leads to great discoveries, like computers and lasers, that change our lives.

A physics education equips a person to work in many different and interesting places - from any discipline of Engineering and many courses in fields such as Medicine, to a career in Government, and even Banking - places where problem-solving abilities and analytical skills are great assets.

We strongly advise that you take A Level Mathematics alongside your studies in Physics. This is essential if you wish to study Physics or Engineering at University.

Level: Level 3

Specific Course Entry Requirements:

College entry to include Double Award GCSE Science Higher Tier BB* (or above) or GCSE Physics B (or above) plus a minimum of either GCSE Chemistry B or GCSE Biology B. You must also have achieved GCSE Mathematics Grade 6 or above (please refer to the Entry Requirements section page 24 for further details).

Exam Board: AQA

What will I study?

The Physics course allows students to develop an understanding of the world around us from the smallest components of atoms to the vastness of space. Physics is a demanding fundamental science which requires students to have the imagination to cope with what we cannot see.

How will I be assessed?

100% Examination. Practical skills are embedded within the course and are assessed as part of the practical endorsement of the A level as well as in the written examinations.

Where will this course lead me?

Physics is an essential subject for all engineering and technological related careers and courses. It allows progression to exciting fields of work such as Astronomy, Electronics, and Ophthalmology. The skills developed in this course are highly regarded as suitable foundation for many different careers.

What support will I receive?

The Physics department at SJR is committed to supporting students to ensure success. Extra help is always available to those who require it. The Physics staff are also available for individual support if needed. Regular contact is made with parents to keep them informed of student progress.

What is the department like?

The Science department have a modern newly built Physics laboratory which is well equipped. We also have access to a Science dedicated computer suit.

Enrichment opportunities

Physics students enjoyed the trip to London where they visited the Science Museum, the Natural History Museum, the Centre of the Cell Exhibition and the London Eye. There are plans for a trip to CERN to explore the Large Hadron Collider visitor centre. Students also have opportunity to visit University Science departments.

Head of Department

Victoria Brown

Tutors

Peter Ware





St John Rigby College

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St John Rigby College reserves the right to make changes including courses offered, course content and entry requirements at any time.

