

Science

CAMBRIDGE IGCSE

Studying Science

We live in an increasingly scientific world where people are increasingly called on to make decisions based on their scientific interpretation of contemporary issues. There have been increasingly dramatic breakthroughs made in environmental Chemistry, medicine and quantum Physics in recent years and we want our pupils to be part of this. A basic understanding of Science is crucial for everyone in modern society and helps people make informed decisions about their lives.



What will I learn?

In Science, we offer three tiers of entry that allow all pupils the opportunity to excel and attain success. The three courses we offer are:

1. Triple Award IGCSEs which allow students to attain IGCSEs in Biology, Chemistry and Physics. This is aimed at students who have aspirations of studying Science in the 6th form and beyond.
2. Coordinated Science allows pupils to attain 2 IGCSEs in Science. Pupils are still taught aspects of all three subjects by specialist teachers but the most challenging concepts are not included.
3. Combined Science allows pupils who find Science challenging the opportunity to attain a single IGCSE in Science. Again, pupils are still taught aspects of all three subjects by specialist teachers with a curriculum designed to focus on key concepts in Science.

All three courses have a rich and diverse practical aspect and at Rossall we put experimental Science at the heart of all our GCSE teaching, regardless of which course is being studied.

How will I be assessed?

Candidates sit two Extended papers and a common Alternative to Practical. The papers will comprise mixed Biology, Chemistry and Physics questions.

Paper 2

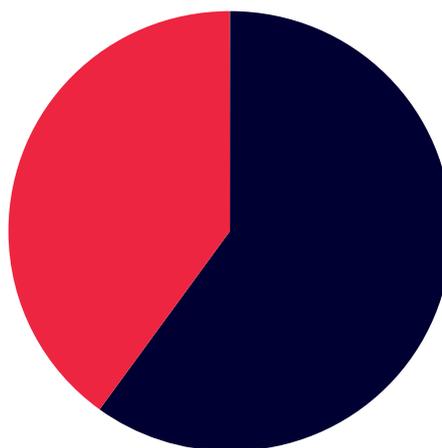
45 minutes – involves 40 multiple-choice questions.

Paper 4

120 minutes for Co-ordinated Science – 75 minutes for Combined Science – is a written paper consisting of short-answer and structured questions.

Paper 6

60 minutes – is a written paper assessing practical skills.



THREE - Written Papers

What can I do after I've completed the course?

Whilst all pupils who study Science at IGCSE are welcome to study any of the three Sciences at A Level, it is our opinion that candidates who attain less than a Level 6 or a B grade may find Science A Levels too conceptually challenging. All members of the Science department are more than happy to discuss cases on an individual basis.