

360Science

The student-centred curriculum

What is 360Science?

360Science is the new portfolio of qualifications from Edexcel. It encompasses GCSE Science, GCSE Additional Science, GCSE Biology, GCSE Chemistry, GCSE Physics and Entry Level Certificate in Science. It's also the only one to offer specialist work-related qualifications – BTEC First Certificate and First Diploma in Applied Science.

GCSE Science

GCSE Science provides knowledge and understanding of science that is relevant to students' everyday life. Our aim is to engage students – to stimulate excitement and intrigue about how science works.

The course helps students develop their questioning, analytical and evaluative skills alongside core practical skills.

We've designed a flexible course structure that can be adapted to suit individual teaching approaches and students' needs. And our assessment models have been designed to recognise teachers' professional judgement and support effective teaching and learning.

Course structure

GCSE Science is based on the Key Stage 4 Programme of Study for Science. The specification contains twelve topics that cover Biology, Chemistry and Physics:

B1

Topic 1: Environment

Topic 2: Genes

Topic 3: Electrical and Chemical Signals

Topic 4: Use, Misuse and Abuse

C1

Topic 5: Patterns in Properties

Topic 6: Making Changes

Topic 7: There's One Earth

Topic 8: Designer Products

P1

Topic 9: Producing and Measuring Electricity

Topic 10: You're in Charge

Topic 11: Now You See It, Now You Don't

Topic 12: Space and its Mysteries

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Assessment

External assessment (60%)

Six multiple choice tiered tests (available January and June).

Internal assessment (40%)

- *Assessment activities (30%)*

One assessment activity from each of Biology, Chemistry and Physics. The assessment activities and mark schemes are prepared by Edexcel to assess the 'How Science Works' criteria in context of the specification topics. These are marked by the teacher and externally moderated by Edexcel.

- *Practical skills assessment (10%)*

Assessed by the teacher and non-moderated.

Teacher support

Edexcel offers a wide range of support materials to assist the teaching and learning of all GCSE Science qualifications.

This includes:

- Launch meetings and implementation events to help teachers prepare for first teaching
- Sample assessment materials
- Resources including lesson plans and endorsed textbooks
- Regular updates on Edexcel website
- Dedicated support phone line
- Support from subject experts.

Further information

To find out more about GCSE Science, take a look at the specification which can be downloaded at www.edexcel.org.uk/360Science.

For any other questions on the 360Science curriculum, email us 360Science@edexcel.org.uk or call our dedicated telephone line on **0870 240 9813**.

Further copies of this leaflet are available to order from Edexcel Publications. Please call **01623 467 467** or fax **01623 450481** and quote order code **Z017202**.