

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 Biology, GCSE Chemistry and GCSE Physics

GCSE Biology, GCSE Chemistry and GCSE Physics are single GCSE awards and, when taken altogether, they cover the Key Stage 4 Programme of Study for Science. Each award comprises the relevant content from GCSE Science and GCSE Additional Science plus specialist extension units for that subject.

The courses help students develop their questioning, analytical and evaluative skills alongside core practical skills.

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

We have produced separate sheets on GCSE Science and GCSE Additional Science – please refer to them for more details.

Course structure

Each extension unit for Biology, Chemistry and Physics is made up of two topics

Extension Unit B3

Topic 1: Biotechnology

Topic 2: Behaviour in Humans and Other Animals

Extension Unit C3

Topic 1: Chemical Detection

Topic 2: Chemistry Working for Us

Extension Unit P3

Topic 1: Particles in Action

Topic 2: Medical Physics

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Assessment

External assessment (20%)

Two multiple-choice tiered tests based on B1 or C1 or P1 (available January and June).

Internal assessment (30%)

- *Assessment activities (20%)*
Two activities based on B1 and B2 or C1 and C2 or P1 and P2.
- *Practical skills assessment (10%)*
Assessed by the teacher and non-moderated.

Further assessment routes (20%)

Choice of two assessments based on B2 or C2 or P2 from:

- Multiple choice tiered test (available January and June)
- Structured tiered examination paper (available January and June)
- Centre-devised internal assessment.

Further assessment routes (30%)

Choice of assessments based on B3 or C3 or P3:

- Structured single-tiered examination paper (available June only)
- Centre-devised internal assessment.

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 Biology, GCSE Chemistry and GCSE Physics, 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**.