

## IGCSE science qualifications

delivered locally, recognised globally

### IGCSE

### Contact us

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#### About Edexcel

Edexcel, a Pearson company, is the UK's largest awarding body offering academic and vocational qualifications across 112 countries including the IGCSE, GCSE and O Levels, AS and A Levels, and the BTEC suite of vocational qualifications from entry level to the BTEC Higher National Diploma.

Further copies of this publication are available from Edexcel publications:  
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## Why choose London Examinations IGCSE science qualifications?

Our range of IGCSE science qualifications have attracted widespread support from schools around the world, including top independent schools in the UK. These form a suite of qualifications with common features, such as tiers of entry and a shared method of assessment.



### Choosing the right subject for your students?

#### IGCSE Biology

IGCSE Biology covers the major animal and plant systems in a traditional way, but also introduces the students to important breakthroughs of recent years, such as cloning and genetic engineering.

#### IGCSE Chemistry

This subject is comprehensive and relevant to modern life and covers the three branches of Chemistry: inorganic, organic and physical. It aims to give students a sound knowledge base, as well as industrial and practical applications of chemistry.

#### IGCSE Physics

IGCSE Physics provides students with a thorough knowledge of the subject, and develops their understanding through the use of examples taken from a modern everyday context. Topics include: forces and motion, electricity and electrostatics, the electromagnetic spectrum, light and sound, and radioactivity.

#### IGCSE Double Award Science

This subject allows students to keep their A level science options open, while allowing them to study all three sciences in the curriculum time of two. The IGCSE Double Award Science is equivalent to two IGCSEs.

### Recognition and progression

IGCSE science qualifications are recognised as equivalent, grade for grade, to a UK GCSE and have the same status in terms of university entry requirements. IGCSE senior examiners have experience in both IGCSE and GCSE, ensuring that standards are consistent.

On successful completion of these qualifications, students can choose to further their studies by taking the GCE AS and A level in Biology, Chemistry, Physics or other equivalent qualifications.

### IGCSE science qualifications

#### Content for all abilities

All IGCSE science qualifications stress the importance of scientific method and encourage practical work wherever appropriate.

One of our guiding principles has been to keep the subject content manageable and clearly defined. The syllabus has been designed not to overload teachers and students with excessive topic coverage. Subject documents are specific in depth and detail, for example, the IGCSE Biology specification highlights 12 practical experiments which students are expected to carry out during the course.

#### Choice of assessment

IGCSE science qualifications are assessed in the same way as a UK GCSE, with a Foundation tier (grades C to G) or Higher tier (grades A\* to D) available to suit students of different abilities.

Students are entered either for teacher-assessed coursework, or for an exam alternative to coursework. These two routes test students' practical skills and make equal demands on students, even though work is completed under different conditions. Students who are not entered for coursework will sit a paper which tests investigative skills learnt from the practicals undertaken by students during the course.

#### Designed to improve student achievement

Our IGCSE papers are carefully designed to enable students to achieve more. Careful attention is given to the level of language used, the visual layout of the papers and style of question. Students work through a well-presented question and answer booklet. A series of structured questions, stepped in difficulty, allows students to demonstrate what they know, understand and can do.

### Supporting you

#### Teaching resources

The following teaching resources are available:

- Exemplar exam papers and mark schemes
- Teacher's guides
- Course textbooks from Longman, which have been written specifically to support IGCSE Biology, Chemistry and Physics. IGCSE Science Double Award is currently in development, for further information please visit [www.longman.co.uk](http://www.longman.co.uk)
- The National Extension College (NEC), with many years experience of providing self-study support for UK qualifications, has published Edexcel-endorsed packs for all three sciences. This material is available as either tutor-supported distance learning courses or as classroom resource materials. To find out more visit [www.nec.ac.uk](http://www.nec.ac.uk)

#### Training courses

A programme of face-to-face training courses is run annually to give guidance on how to teach IGCSE qualifications effectively. There is also an online training service 'INSET through the internet' available to those who prefer to do their training online.

#### Advice from subject experts

We offer a consultancy service for all our IGCSE science qualifications. Senior examiners will answer queries from teachers, and advise on marking standards.

#### Website

For more details about our teacher resources, training and support, visit our website [www.edexcel.org.uk/international](http://www.edexcel.org.uk/international)

### Interested?

To find out more about our IGCSEs and to view our specifications online, visit our website [www.edexcel.org.uk/igcse](http://www.edexcel.org.uk/igcse)

Edexcel also has an extensive network of regional offices to help you become an Edexcel centre. If you would like to find your nearest regional office, please contact customer services on **+44 1 908 847750**.