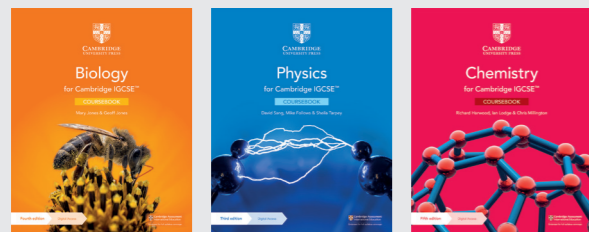


Content will be available in print and digital resources



New editions are fully revised to support the syllabuses for examination from 2023. We are working towards endorsement from Cambridge Assessment International Education, so you can be confident that these series fully support the syllabuses and help develop the scientists of the future!

These flexible resources have a skills development focus. Through extensive research, including lesson observations, teacher interviews and work with our online research community, they have been designed to meet specific challenges through targeted support and the creation of dedicated components that focus on specific areas (such as learning science in English, maths skills, practical skills, and the building of confidence and fluency with command terms and exam-style questions). All our resources are written in accessible language with features to support our English as a second language learners.

Coursebooks (digital coursebook/coursebook with digital access)

The coursebook is the core component of each series and helps students develop scientific enquiry skills such as making predictions, recording observations, handling and interpreting data, and evaluating methods through practical activities in the 'Experimental skills' feature. The new project feature at the end of each chapter supports assessment for learning, cross-curricular learning, skills for life and differentiation.

Digital teacher's resource

The digital teacher's resource is designed to help teachers use the series in the most effective way, bridging the gap between teaching theory and practice. It helps teachers support their learners, plan great lessons and teach to the syllabus. The resource now includes a guide to all the practical activities in the practical workbook and coursebook, as well as sample data for the activities in the practical workbook.

Workbooks with digital access

The write-in workbook gives the learner the valuable opportunity to consolidate their knowledge, hone their essential science skills, and improve their fluency in answering questions and handling command terms in preparation for their examinations.

Practical workbooks with digital access

The practical write-in workbook focuses on the key practical skills that learners need to develop. It is aimed at learners who are sitting practical examinations or alternatives. Each investigation in the workbook covers equipment needed, safety considerations, 'Getting started' questions, a method with step-by-step instructions, and questions focusing on the key skills of recording and handling data, analysis and evaluation.

English language skills workbooks with digital access

This workbook helps learners to develop their language skills in the context of the Cambridge IGCSE™ science syllabuses.

Maths skills workbooks with digital access

Written in collaboration with the Association for Science Education (ASE), based on research carried out by the Nuffield Foundation and the ASE, this workbook helps learners to develop their maths skills in the context of the Cambridge IGCSE™ science syllabuses.

Brighter Thinking, Better Learning

Brighter Thinking drives our approach to science: a solid foundation of research from leading educational thinkers, expert authors and science teachers in Cambridge and around the world underpins the resources we publish to support

students learning science. Through a flexible suite of resources, designed to meet a wide range of needs in the classroom, Better Learning is possible. Students can accelerate their learning and develop skills for life.



Contact your local Cambridge University Press representative:

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Cambridge IGCSE™ sciences

What you need to know



Building Brighter Futures Together

Brighter Thinking

Better Learning

We've created new resources ready for the updated Cambridge IGCSE™ Biology (0970), Chemistry (0971) and Physics (0972) syllabuses for examination from 2023. This brochure explains how these resources will help you. Full syllabus details can be found on the Cambridge Assessment International Education website [cambridgeinternational.org](https://www.cambridgeinternational.org). We are working with Cambridge International towards endorsement of these titles.

	Key changes	What this means for you	How we support you
General content	There is no change to the assessment model, weighting of tests, marks per test or duration per test.	This will have no impact on your teaching.	We continue to support you with preparing your students for their exams. Teacher's resource : contains downloadable end-of-chapter tests for each chapter of the coursebook as well as end-of-course exam-style tests; Coursebook : end-of-chapter Exam Style Questions (ESQs); Practical workbook : ESQs in every chapter.
	There is no change to Assessment Objective (AO) weightings for the qualification or within the tests.	This will have no impact on your teaching.	N/A
	The AOs have been reviewed and updated for clarity. Full wording and AO details can be found in the relevant syllabus on the Cambridge International website cambridgeinternational.org Command words – the syllabus includes a list of command words that are used in assessment, updated so they're aligned to definitions used in A Level. There will be no subject-specific additional command words.	You will need to check that you and your students have reviewed and understood the changes to the AOs. Students will need to understand what each command word is asking them to do.	Our editions reflect the updates (e.g. the questions, ESQs and exercises across the series reflect these changes). Command words are used regularly in questions throughout the coursebook and practical workbook to enable students to practise recognising and using these. They are defined in feature boxes next to the ESQs where they appear (also separated and compiled in a glossary at the back of books).
	Small-scale changes to the syllabus aims (identical across all three sciences).	These changes are made for accessibility and consistency across Cambridge IGCSE™ and O Level, and shouldn't affect your teaching.	Our editions reflect the updates to the syllabus.
Physics	New topic 'Space Physics' added, including subtopics 'Earth and the Solar System', 'Stars and the Universe'.	New topics to include in your teaching.	A new chapter dedicated to this new topic area across the series; Teacher's resource 'Background knowledge' feature helps you familiarise yourself with the content required and identify learners' prior knowledge; Coursebook 'Getting started' activities help you to gauge what your students already know about this topic, and the accompanying support in the teacher's resource lets you know what to do with this information.
	Content on electronics, thermometry, the barometer, the manometer and thermal capacity has been removed.	You will no longer include this content in your teaching.	Our resources reflect this removal of content.
Chemistry	New learning objectives on the following topics: <ul style="list-style-type: none"> Stoichiometry Reversible reactions, equilibrium and redox reactions Acids, bases and salts Chemistry of the environment Organic chemistry: general formulae and polymers. 	Additional content added to topics to include in your teaching.	Our editions reflect the updates to the syllabus.
	Removal of learning objectives on the following topics: <ul style="list-style-type: none"> Use of Cu and Al in electrical cables Metal carbonates and nitrates position in reactivity series State symbol and word equations for reactions forming carbon dioxide, limited to: (a) complete combustion of carbon-containing fuels (b) respiration (c) the reaction between an acid and a carbonate (d) the thermal decomposition of carbonates, including calcium carbonate (limestone). 	You will no longer include this content in your teaching.	Our resources reflect this removal of content. Support on these topics can be found throughout the component array with practice in the workbook and practical workbook .
Biology	New learning objectives on the following topics: <ul style="list-style-type: none"> Classifying organisms Cell structure Photosynthesis Hormones Human influences on ecosystems. 	Additional content added to topics to include in your teaching.	Our editions reflect the updates to the syllabus. Opportunities for students to practise and check their understanding of these topics can be found in the workbook and practical workbook .