

Support highlights

We know teaching has been greatly disrupted in 2020, so to support you we've collated together some of our most useful resources below for you. This includes resources to help you focus your teaching towards individual abilities of students, resources to help determine your students' capabilities and above all resources to help save you time, enabling you to quickly get back up to speed in the classrooms and support your students in preparing for exams. Many more resources are available from the [OCR website](#).

Multiple Choice Quizzes

[Download our multiple choice quizzes](#)

There is one multiple choice quiz for each topic. They are ideal to use to assess the students' understanding of each topic. They could be used as formative tests to help you identify gaps in the students' learning during lockdown. They are quick to do and quick to mark. These quizzes can help inform your planning for next year.

Language of measurement in context

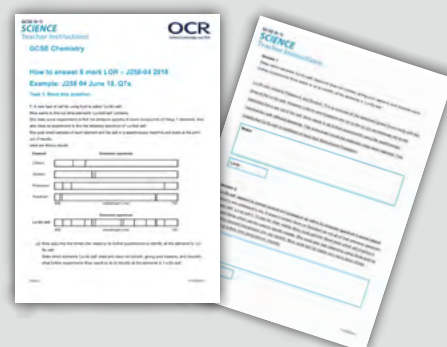
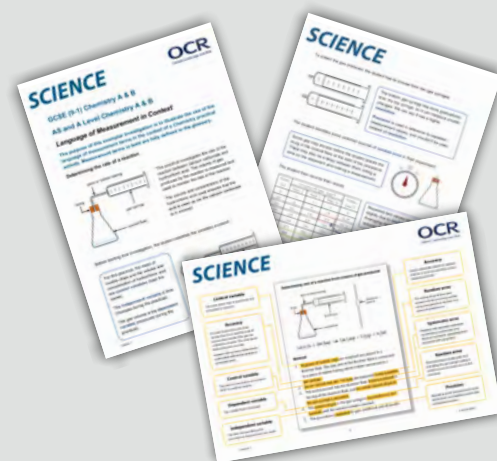
[Download the Chemistry Language of measurement resource](#)

Students are always getting confused over the correct use of terminology. Is an experiment repeatable or reproducible? Are the results accurate and/or precise? This resource puts the terminology in the context of a scientific experiment to help the students identify the correct words to use.

How to answer 6 mark LOR questions

[Download this resource](#)

Students are always daunted by these types of questions in the exam. Here are some 6 mark LOR questions for students to practice, taken from real student responses. Students become the examiner and mark some real responses. They then look at the examiner comments and match their marking. Finally, they write their own 6 mark response and mark it. This resource could also be used as illustration of good exam technique when tackling these types of questions.



You may also like

Transition guides for moving from Key Stage 3-Key Stage 4

This [resource is on Chemical reactions](#). It looks at what students learnt in Key Stage 3 and how that leads into Key Stage 4. There are checkpoint tests which could be used to assess the gaps in the students' knowledge because they have missed school in the year before they enter their GCSE courses. There are four other transition guides covering [different topics](#).

Assessment materials

Access past papers, mark schemes and examiners' reports from the [OCR website](#).

New resources to support you

Subject Highlights and specification content revision tick list

[RAG rating for students of the specification content](#). Subject [highlights from past examiners' report](#) to help students pick up valuable and assessable marks in the exams.

ExamBuilder End of Topic test and guide

[Instructions to help teachers use ExamBuilder](#) to create end of topic tests to assess the gaps in students' knowledge. An [exemplar end of topic test](#) also comes with the instructions. *Please note Interchange access is required to download the topic test.*

Remote teaching additions to Schemes of work for C1-C6

[Helpful websites with resources for use in remote or flip learning](#). To help teachers cover the specification content and any gaps in knowledge as well as saving you time.

Women in science poster

This [resource](#) exemplifies the work of prominent female scientists and how this work links to the content in our specifications. You and your students can relate the achievements of these scientists to the work you do in the classroom.

Professional Development

Improving your Delivery: Resources for GCSE Gateway Science J247-J250 and Twenty First Century J257-J260 (Q&A)

An online Q&A session focusing on the resources available from OCR. Highlighting the different resources we have and how to use them. There will be an opportunity to discuss future potential resources that teachers would like.

Understanding the Assessment: Exam preparation for GCSE Chemistry J248, J250, J258, J260

This online surgery will give teachers some approaches to general Science examination preparation, as well as Chemistry specific examination preparation tips. Areas of significance for teachers will be highlighted, discussing the approaches taken by candidates to previous series questions and advising how this can be used to better support your students.

Improving your Delivery: Practical question skills for GCSE Gateway Science J247-J250 and Twenty First Century J257-J260 (Q&A)

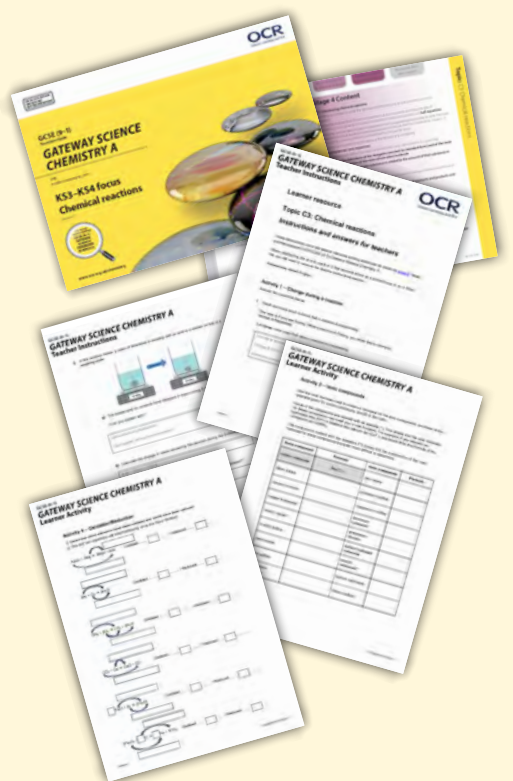
An online Q&A session focusing on practical questions skills. Giving support to help the answering of the practical questions in the examination.

Find an event

All of these CPD events will be available as part of our 2020-2021 programme. Details for booking will be coming soon.

See our range of professional development courses using the '[Find an event](#)' search tool.

We're now running all our CPD training online rather than face-to-face. Future courses will be in the form of a webinar, offering the same high-quality training as our face-to-face training. If you have any questions, please email professionaldevelopment@ocr.org.uk



Cambridge Assessment resources

Resource Plus from Cambridge International

These [digital resources](#) are now available to all OCR teachers free of charge. Resource Plus gives you access to high quality videos, ready-made lesson plans and teaching materials that you can use to help your students learn and prepare for their exams. We also offer Resource Plus materials that are designed for you to share with your students.

This takes you to a [series of videos of practicals](#). These could be of use in the classroom if practical work is difficult when you return to school.

This takes you to a [useful resource on interpreting data](#) from experimental results. It looks at drawing graphs and processing data. So, it could be used to hone students' practical skills tested in the assessments. Please be mindful of the terminology used.



Publisher materials

Cambridge University Press

Cambridge Elevate

IGCSE Chemistry Enhanced Elevate edition – This [digital learning experience](#) provides a range of digital resources/textbooks that would suit this qualification. This is a paid for service, but a 30 day trial is available. A selection of these resources are also freely available via our enhanced Schemes of work. *Coming soon.*

Resources that may be particularly useful include an online bank of videos and animations, a digital textbook and short self-marking end of topic quizzes that students can complete online. *Please note, there may be some content differences due to this being written for the IGCSE Syllabus.*

Oxford University Press

[GCSE Sciences skills pack](#) - Maths skills support and web quests research exercises - with lots of links to follow up.

[Kerboodle](#) - An online bank of resources, activities and online assessment package, and access to online textbooks. There is a cost to access Kerboodle (£800 a year) but there is free access for new subscriptions until September 2020.



Other resources

Royal Society of Chemistry Secondary resources

The RSC has a [range of resources](#) including videos of practicals, quizzes and practical instructions. These could all be useful to help you assess your students and introduce the back to practical work.

Association for Science Education

The ASE has a [series of resources](#) to help in the classroom including some transition tests from Key Stage 3 to Key Stage 4.

BBC Bitesize

This link takes you to the part of the site that cover [OCR GCSE Gateway Chemistry A](#). It works through the content topic by topic with a end of topic quiz included.



Keep connected

Practical chemistry at home: garden pH indicators

[How to make pH indicators from plants in your garden.](#)

Useful resources for remote teaching and learning in Science

The Science Subject Advisor team share some [useful resources to help teachers](#) make the challenge of adapting to new ways of working easier.

Get in touch

science@ocr.org.uk

01223 553998

[@OCR_Science](#)



www.ocr.org.uk

OCR Customer Support Centre

General qualifications

Telephone 01223 553998

Facsimile 01223 552627

Email general.qualifications@ocr.org.uk



OCR is part of Cambridge Assessment, a department of the University of Cambridge. *For staff training purposes and as part of our quality assurance programme your call may be recorded or monitored.*

© OCR 2020 Oxford Cambridge and RSA Examinations is a Company Limited by Guarantee. Registered in England. Registered office The Triangle Building, Shaftesbury Road, Cambridge, CB2 8EA. Registered company number 3484466. OCR is an exempt charity.

