

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](#).

Interdependence KS3-KS4 Transition Guide

[Download the transition guide](#)

This resource focuses on the topic of Interdependence. It looks at what students have learnt in Key Stage 3 and how that leads into Key Stage 4. There are resources that you can use with students or direct students to use independently. There are also checkpoint tasks 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 five other Transition guides covering different GCSE topics available from the [OCR website](#).



How to answer 6 mark LOR questions

[Download the resource](#)

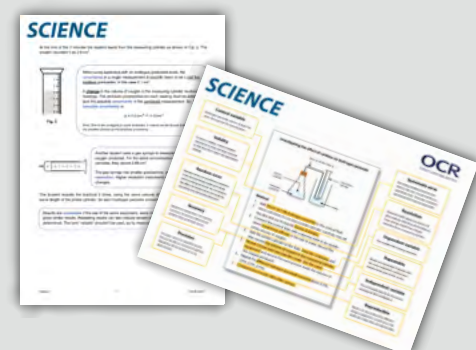
Here are some 6 mark LOR questions for students to practice, taken from real student responses. Students become the examiner and mark some real responses. They then look at the examiner comments and match their marking. Finally, students write their own 6 mark response and mark it. This resource could be also used as illustration of good exam technique when tackling these types of questions. Students can download this themselves, so it could be easily accessed for remote learning or as a homework task, as well as being used in the classroom.



Language of measurement in context

[Download Biology 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 put the terminology in the context of a scientific experiment students will be familiar with to help the students identify the correct words to use.





You may also like

Practical skills booklets

A [series of booklets](#) for delivering suggested practicals, including an extension booklet students can work through to practice exam style questions related to practicals.

End of Topic Quizzes

Here is a [quiz for each chapter](#) containing short and longer answer questions. Use these for revision or formative assessment.

Selected Response Quizzes (MCQ)

A [set of multiple choice quizzes](#) that could be used with classes to quickly check for any gaps in knowledge, or as plenary activities.

Maths Skills Check In

A [series of maths questions](#) for students to work through and practice their maths skills, along with RAG rating grids for self-evaluation. It is accompanied by a [Maths Skills Handbook](#) for teachers to use.

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 of the specification content](#) for students to self-evaluate with. This can be useful to inform themselves and teachers of gaps and where to focus revision. [Summer highlights from past examiners' reports](#) to help students pick up valuable marks in the exams.

ExamBuilder End of Topic test guide

[Instructions to help teachers use ExamBuilder](#) to create end of topic tests to use to assess the gaps in students' knowledge.

Remote teaching additions to Schemes of work for B1-B6

[Helpful websites recommended by teachers](#) with resources for use in remote, homework or flipped learning. To help teachers cover the specification content and any gaps in knowledge, as well as saving some time finding suitable resources.

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 Biology J247, J250, J257, J260

This online surgery will give teachers some approaches to general Science examination preparation, as well as Biology 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.



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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.

Please note all 2020-2021 CPD events will be online. See our range of professional development courses using the ['Find an event'](#) search tool.

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.

[Experiment videos and resources](#) – There are a variety of experiments that can be viewed and interacted with virtually by students. There are accompanying teacher notes, resources for students and a quiz. *Please note, there are cases where the term reliable is used, which isn't a term used in OCR qualifications.*

Publisher materials

Cambridge University Press

Cambridge Elevate

IGCSE Biology 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

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.

Stem Learning

STEM have a [variety of resources](#) to help teach KS4, with a series of resources that are suitable for learning at home.

Best Evidence Science Teaching

[Resources developed through research](#) for effective teaching of difficult ideas with embedded formative assessment. Could be used with KS3 groups or as knowledge checks and starter activities for KS4.





Keep connected

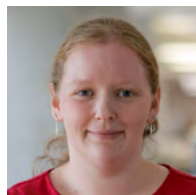
Practical Biology at home – Osmosis

[Looking at how to get students to carry out a Biology practical at home](#), with hints and tips of how to extend students and get them to put the practical into unfamiliar contexts.

Useful resources for remote teaching and learning in Science.

[A summary of a variety of resources for GCSE and A Level Science](#) that are useful for remote learning. These can also be useful as students go back to the classroom as home learning resources.

Get in touch



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