

Support highlights

We know teaching has been greatly disrupted in 2020, so to support you we have collated some of our most useful resources. These include materials that will focus your teaching on individual abilities of students, help determine their capabilities and above all save you time. They will enable you to quickly get back up to speed in the classroom and support your students in preparing for exams. Many more resources are available from the [OCR website](#).

Summer Highlights resources

Download the Summer Highlights for [2017](#), [2018](#) and [2019](#)

Our Summer Highlights (Examiner comment summary) resources from summarise the common mistakes that students make in A Level Physics examinations. The documents are an excellent revision aid for students. They also help the teacher to identify common misconceptions students have. Teachers can use this concise information to prioritise teaching time. Teachers may also wish to identify their own students' strengths and areas for improvement by using our range of [multiple-choice topic quizzes](#) and our [end of topic tests](#).

Delivery Guides

[View the Delivery Guides](#)

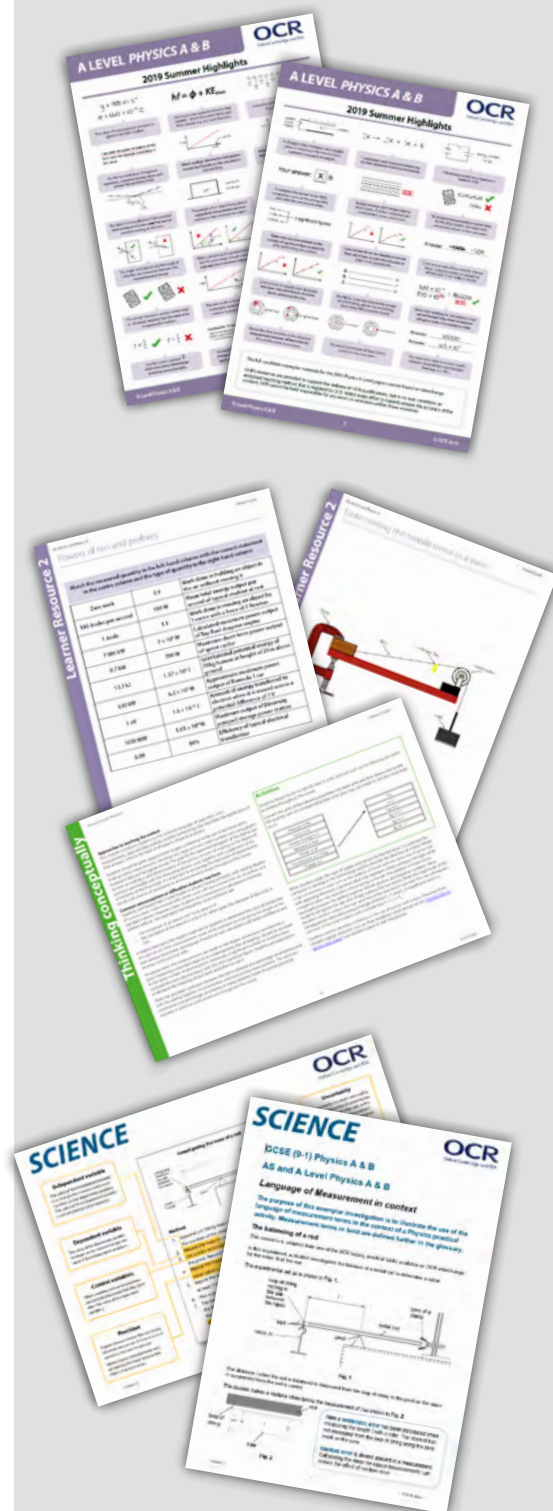
New teachers will find our Delivery guides very useful. The guides have been produced to provide teaching ideas and online resources to cover each A Level teaching module from the [specification](#). They can be used together with the [Scheme of work](#) document to plan the delivery of the course. We also offer online [Transition guides](#) which can help bridge the learning between KS4 and KS5 and also KS5 and higher education.

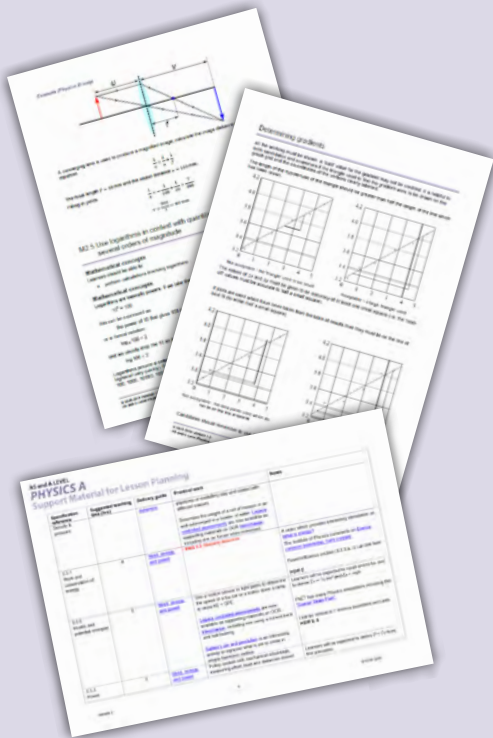
Language of measurement

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

Students must be able to recognise and use the terminology of measurement. Are the results accurate and/or precise? Is the experiment repeatable and/or reproducible? This resource puts the terminology in the context of a physics experiment. This helps the students relate the correct terms directly to a practical environment.

Our [Practical Skills handbook](#) provides further information on the practical skills that are assessed in the written examinations. Restrictions due to the virus outbreak may limit the amount of time available for practical activities with your students. It is important that you and your students are familiar with the practical skills and terminology expressed in these practical physics resources.





You may also like

Mathematics skills handbook

A [handbook which details the mathematical skills](#) students will require in the written assessments.

Practical Skills handbook

This [resource provides further information on the practical skills](#) required in the course.

Practical activities

[Suggested practical activities for centres.](#)

Transition Guides

Transition Guides help [bridge the learning between the key stages](#) of education.

Scheme of work

Assessment materials

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

New resources to support you

End of Topic tests

An additional two [end of topic tests](#). An [instruction guide](#) to help teachers use ExamBuilder to create end of topic tests to assess the gaps in students' knowledge has also been published.

Please note Interchange access is required to access the topic tests.

Student revision checklist

[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.

Exam hints for students

[Summer highlights from past examiners' reports](#) to help students pick up valuable marks in the exams.

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.

Multiple choice topic quizzes

We have some of our [multiple choice quizzes](#) available as digital versions. They are self-marking and provide feedback on the different distractor options for both incorrect and correct answers.

Professional Development

Teacher networks

We are running [free weekly online Science Teacher Networks](#) throughout Autumn 2020 to reflect on Summer 2020 outcomes and keep you updated on assessments in 2021.

Understanding the Assessment

[Exam preparation for A Level Physics.](#)

Choosing OCR: Getting to know the specification and assessments for AS/A level Physics A H556, H156 and Physics B H557, H157

This [event](#) will help you to understand the A Level Physics A & B specification and assessment. Delegates will receive an overview of the specification, assessment

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and practical endorsement. There will also be support and guidance on making the transition to OCR, better understanding the assessment and strategies for effective delivery.

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.

There are some useful [videos of practical demonstrations](#) of skills and activities suitable for A Level Physics.

Publisher materials

Oxford University Press

OUP have published [endorsed textbook resources and online resources](#) for use with the OCR specification. There is free access to Kerboodle online resources until September 2020.

Pearson

Pearson have published [endorsed textbook resources and online resources](#) for use with the OCR specification. Some of these are free to access at the moment.

Other resources

Institute of Physics

The [IOP spark](#) site is an excellent site with lot of resources for Physics students and teachers of all ages. The [misconceptions](#) students have and the [glossary of physics definitions \(16-19\)](#) are particularly useful.

STEM Learning

STEM Learning offers some [student resources](#) targeted at home learning.

Isaac Physics

This is a project designed to offer [activities in physics problem](#) solving to teachers and students from GCSE level through to university.





Keep connected

Useful resources for remote teaching and learning in science

We blogged on [remote learning resources](#) across the sciences shortly after lockdown began. If you have students who need to continue with remote learning into the new academic year then they may still be useful.

Practical Science at home

A [blog](#) to highlight some practical activities students can do remotely.

Supporting you during Corona virus

Visit the OCR [webpage](#) - the latest guidance for teachers for all subjects.

Get in touch



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