Pearson
Edexcel

Your guide to

International GCSE (9–1)

TeachingHubs

Spend less time planning
and more time teaching

Find out more at **pearsoninternational-schools.com/IGTeachingHubs**

Introducing the new digital solution for all International GCSE teachers

The new **Teaching Hubs** provide fully comprehensive planning and front-of-class guidance, along with exam-preparation resources and CPD support, to help you deliver your International GCSE lessons to a high standard – whether you are a specialist or non-specialist teacher.

Written by a team of expert subject authors, with extensive experience of working on UK and International GCSE resources, these new online Teaching Hubs provide complete coverage of all guided teaching hours, and can be used for live teaching as well as advance preparation, saving you planning time so you can spend more time teaching.

Why choose the Teaching Hubs for your teaching?

Spend less time planning

With schemes of work that break the International GCSE specifications into hour-long sessions, detailed lesson plans for each hour of teaching with time allocations to suit different lesson lengths, as well as in-depth teacher guidance, the Teaching Hubs give you everything you need to plan your lessons effectively.

Deliver great International GCSE subject lessons

With hundreds of front-of-class resources linked from the lesson plans, including interactive exercises, animations and videos, plus an overview page containing all the top-level information about the lesson as well as links to the textbook, you'll have everything you need in one place to help you deliver great International GCSE lessons.

Get your whole class exam-ready

With lesson plans giving partially scripted instructions for communicating the new learning points and correcting misconceptions, as well as interactive exam-preparation resources to further illustrate complex concepts and consolidate learning, the Teaching Hubs will get your whole class exam ready!

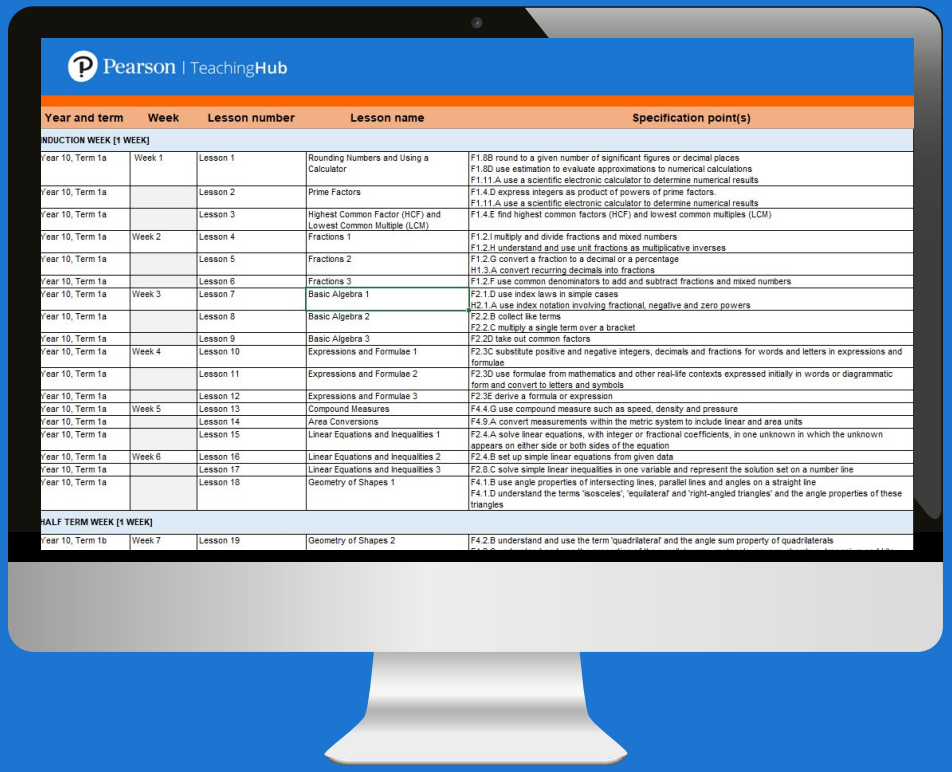
Want to see more? Sign up for your **free** trial today

Watch the video to find out more about the planning resources included

Spend less time planning

TAKE A CLOSER LOOK

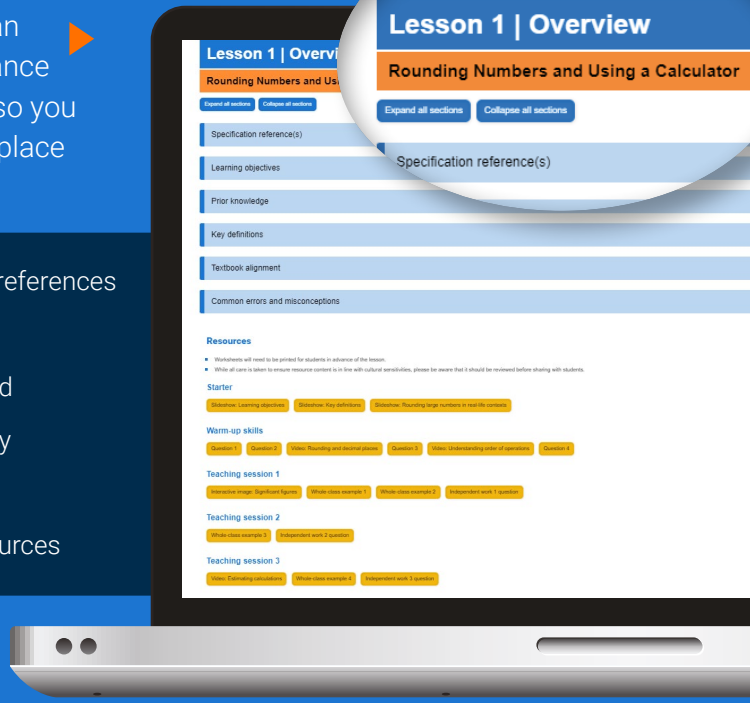
Comprehensive schemes of work for all guided teaching hours ensure you deliver your lessons to a high standard – whether you are a specialist or non-specialist teacher.



Year and term	Week	Lesson number	Lesson name	Specification point(s)
INDUCTION WEEK [1 WEEK]				
Year 10, Term 1a	Week 1	Lesson 1	Rounding Numbers and Using a Calculator	F1.8B round to a given number of significant figures or decimal places F1.8D use estimation to evaluate approximations to numerical calculations F1.11.A use a scientific electronic calculator to determine numerical results
Year 10, Term 1a		Lesson 2	Prime Factors	F1.4.D express integers as product of powers of prime factors. F1.11.A use a scientific electronic calculator to determine numerical results
Year 10, Term 1a		Lesson 3	Highest Common Factor (HCF) and Lowest Common Multiple (LCM)	F1.4.E find highest common factors (HCF) and lowest common multiples (LCM)
Year 10, Term 1a	Week 2	Lesson 4	Fractions 1	F1.2.I multiply and divide fractions and mixed numbers F1.2.H understand and use unit fractions as multiplicative inverses
Year 10, Term 1a		Lesson 5	Fractions 2	F1.2.G convert a fraction to a decimal or a percentage H1.3.A convert recurring decimals into fractions
Year 10, Term 1a		Lesson 6	Fractions 3	F1.2.F use common denominators to add and subtract fractions and mixed numbers
Year 10, Term 1a	Week 3	Lesson 7	Basic Algebra 1	F2.1.D use index laws in simple cases H2.1.A use index notation involving fractional, negative and zero powers
Year 10, Term 1a		Lesson 8	Basic Algebra 2	F2.2.B collect like terms F2.2.C multiply a single term over a bracket
Year 10, Term 1a		Lesson 9	Basic Algebra 3	F2.2.D take out common factors
Year 10, Term 1a	Week 4	Lesson 10	Expressions and Formulae 1	F2.3C substitute positive and negative integers, decimals and fractions for words and letters in expressions and formulae
Year 10, Term 1a		Lesson 11	Expressions and Formulae 2	F2.3D use formulae from mathematics and other real-life contexts expressed initially in words or diagrammatic form and convert to letters and symbols
Year 10, Term 1a		Lesson 12	Expressions and Formulae 3	F2.3E derive a formula or expression
Year 10, Term 1a	Week 5	Lesson 13	Compound Measures	F4.4.G use compound measure such as speed, density and pressure
Year 10, Term 1a		Lesson 14	Area Conversions	F4.9.A convert measurements within the metric system to include linear and area units
Year 10, Term 1a		Lesson 15	Linear Equations and Inequalities 1	F2.4.A solve linear equations, with integer or fractional coefficients, in one unknown in which the unknown appears on either side or both sides of the equation
Year 10, Term 1a	Week 6	Lesson 16	Linear Equations and Inequalities 2	F2.4.B set up simple linear equations from given data
Year 10, Term 1a		Lesson 17	Linear Equations and Inequalities 3	F2.8.C solve simple linear inequalities in one variable and represent the solution set on a number line
Year 10, Term 1a		Lesson 18	Geometry of Shapes 1	F4.1.B use angle properties of intersecting lines, parallel lines and angles on a straight line F4.1.D understand the terms 'isosceles', 'equilateral' and 'right-angled triangles' and the angle properties of these triangles
HALF TERM WEEK [1 WEEK]				
Year 10, Term 1b	Week 7	Lesson 19	Geometry of Shapes 2	F4.2.B understand and use the term 'quadrilateral' and the angle sum property of quadrilaterals

Every lesson provides an overview, teacher guidance and links to resources so you have everything in one place to save you time.

- ✓ Relevant specification references
- ✓ Key learning objectives
- ✓ Prior knowledge needed
- ✓ New subject vocabulary
- ✓ Textbook alignment
- ✓ Links to all lesson resources



TIP

Planning mode | Teaching mode

The Hubs are designed to be easy to use to save you time - the **toggle button** at the top of each lesson allows you to switch between planning and teaching mode.

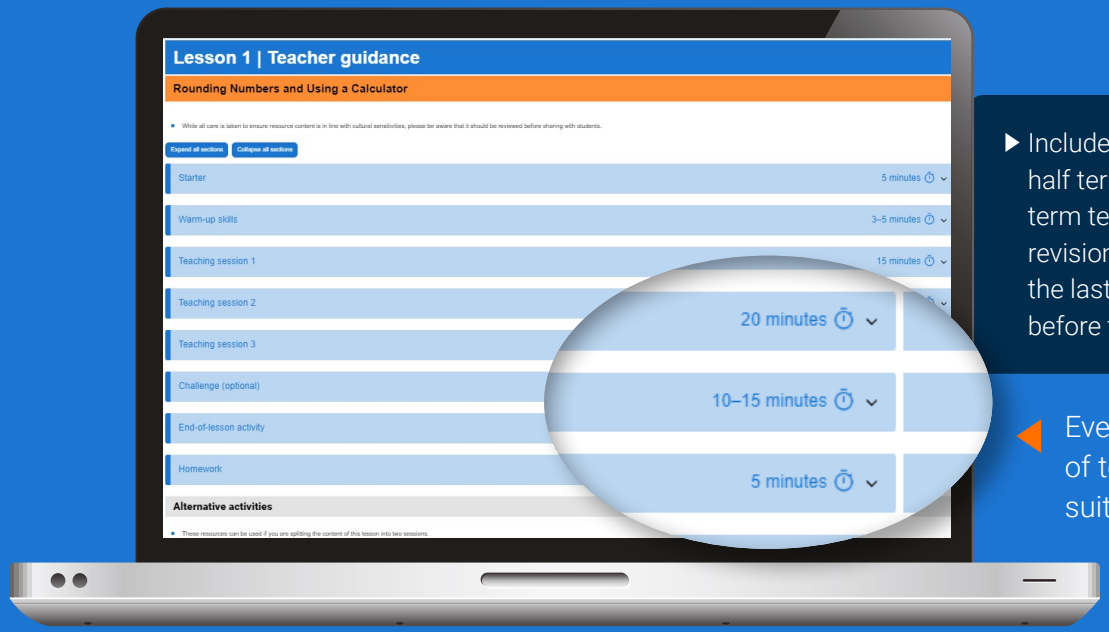
Want to see more? Sign up for your **free** trial today

Watch the video to find out more about the lesson plans included

Deliver great International GCSE subject lessons

TAKE A CLOSER LOOK

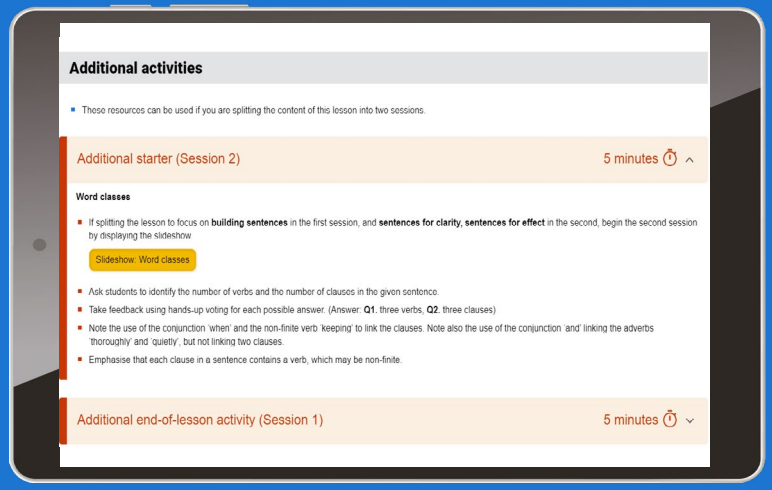
All teaching plans follow a consistent structure and give in-depth, partially scripted instructions for communicating the new learning points and correcting misconceptions



▶ Includes plans for half term and whole term tests plus revision lessons for the last three weeks before the exam!

Every lesson plan is scripted for 60 minutes of teaching time with time allocations to suit different lesson lengths

Alternative starter and end-of-lesson activities allow you to be flexible with your own timetable



TIP

The **expandable button** allows you to limit the length of the page, but also have the option to expand all to see more detail

Expand all sections

Want to see more? Sign up for your **free** trial today

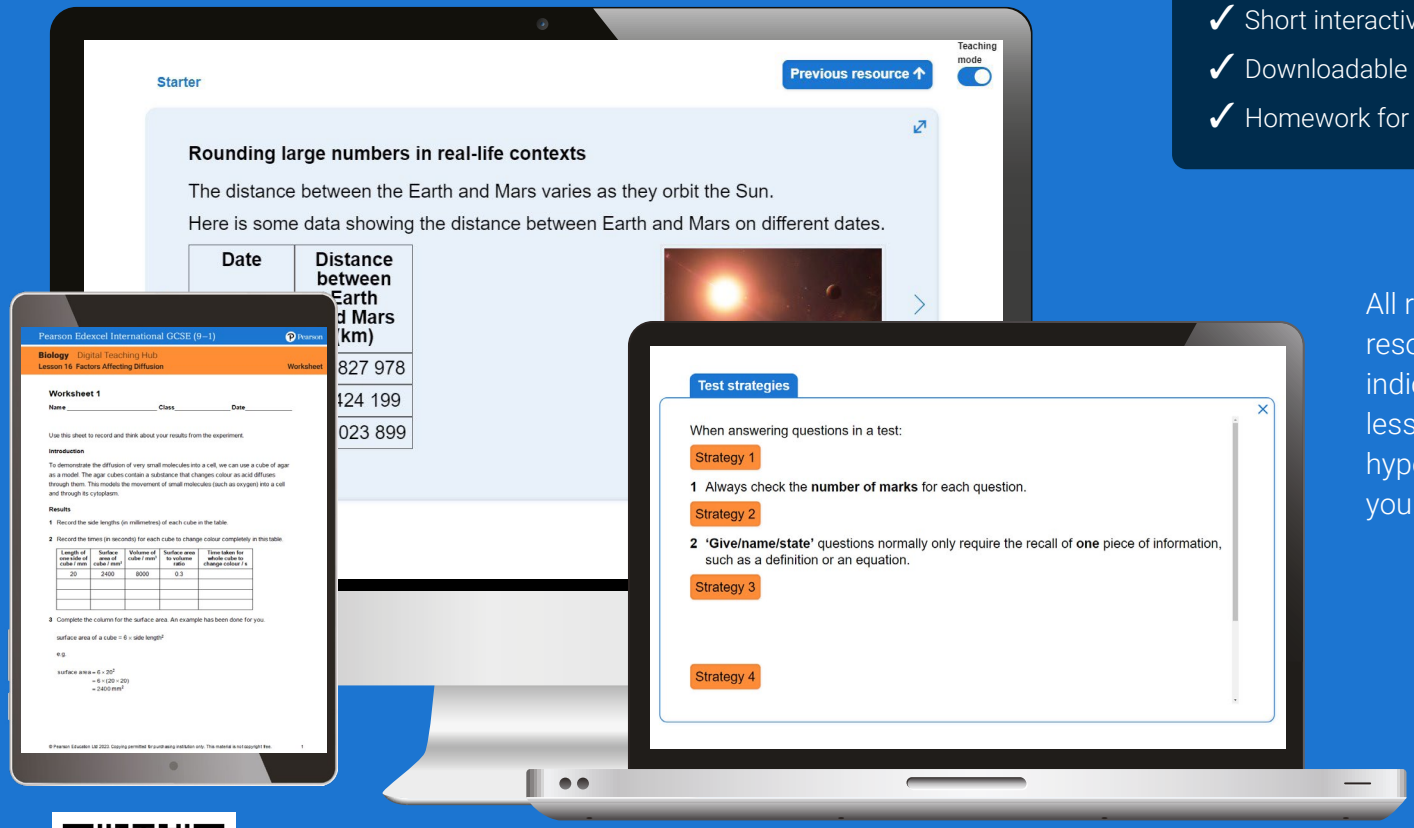
Watch the video to find out more about the resources included

Hundreds of lesson resources at the click-of-a-button

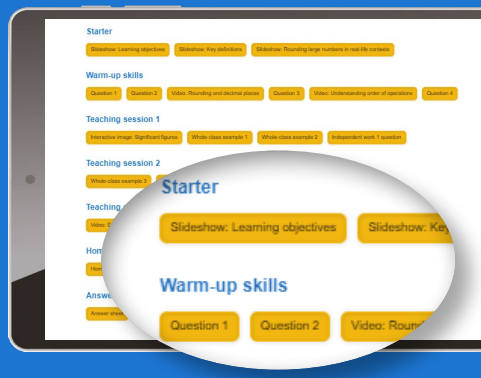
TAKE A CLOSER LOOK

A huge range of resources for student engagement to suit different subjects and lessons

- ✓ Interactive diagrams and tables (e.g. click-to-reveal annotations)
- ✓ Animations and videos to illustrate key theory concepts
- ✓ Short interactive exercises for front-of-class teaching
- ✓ Downloadable worksheets
- ✓ Homework for every lesson



All relevant lesson resources are clearly indicated within each lesson plan and all hyperlinked to save you time searching



TIP

Answers on interactive exercises are automatically revealed and can be viewed alongside what the class submitted for whole class learning

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Get your whole class exam-ready

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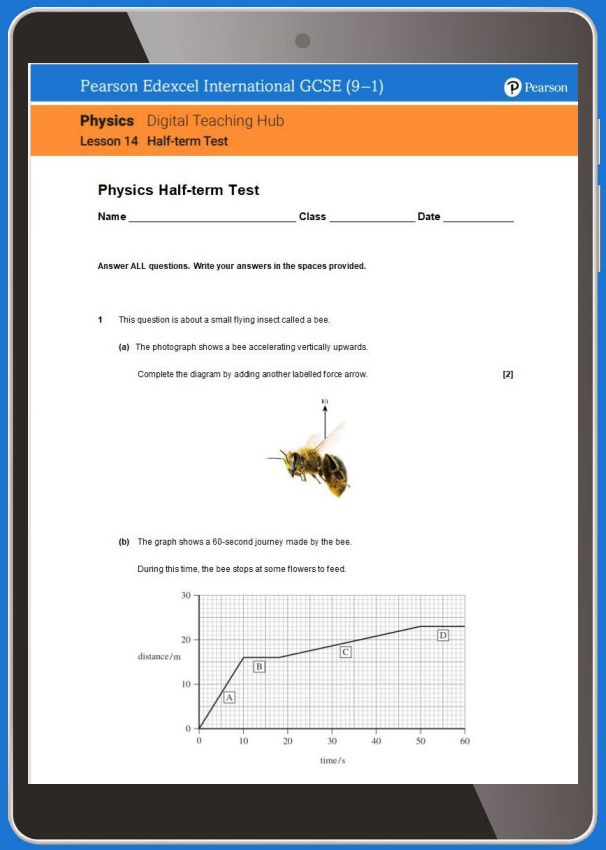
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Pearson

Physics Digital Teaching Hub

Lesson 14 Half-term Test

Physics Half-term Test

Name _____ **Class** _____ **Date** _____

Answer ALL questions. Write your answers in the spaces provided.

1 This question is about a small flying insect called a bee.

(a) The photograph shows a bee accelerating vertically upwards.

Complete the diagram by adding another labelled force arrow. **[2]**

(b) The graph shows a 60-second journey made by the bee.

During this time, the bee stops at some flowers to feed.

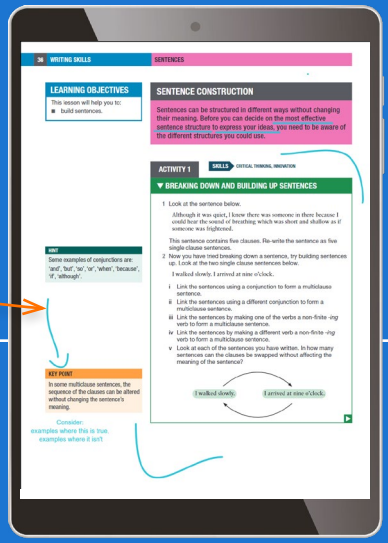
✓ 'Exam space' with exam-style questions and past papers for practice.

✓ Homework available for every lesson to help consolidate learning.

✓ Lesson plans for half term and whole term tests plus revision lessons for the last three weeks before the exam!

Links to the Student Textbooks keep the whole-class on the same page

Annotate the textbooks onscreen for front-of-class learning



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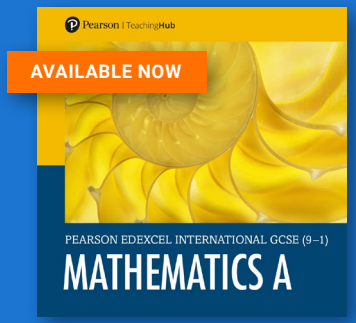
Teaching Hubs subscriptions at a glance



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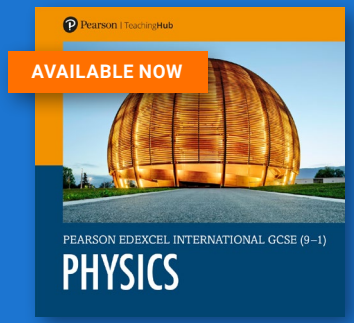

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Scan me to watch the video and find out more.

What next?

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✓ Sign up for a free 60-day trial ✓ Purchase your subscription online ✓ Talk to us for more information