KOGNITY

Assessment Prep with Kognity

IGCSE Co-ordinated Sciences

What is this guide for?

This guide is designed to help you make the most out of Kognity as a tool to prepare students for success both in formative assessments and IGCSE exam preparation.

How does Kognity help with assessment preparation for IGCSE Co-ordinated Sciences?

According to John Hattie, Professor of Education and Director of the Melbourne Educational Research Institute at the University of Melbourne, Australia, feedback is an important driver for improving teaching and learning. Formative assessments play a large role in consistent feedback throughout the year as students prepare for their IGCSE exams. Kognity provides efficient tools for immediate feedback to both the student and teacher.

> *Think of feedback as received, not given.*
>
> *- John Hattie*

For students:

Students can test their problem solving, interpretation and analysis skills in Co-ordinated Sciences through completing worked examples and receiving immediate feedback on their responses. In addition, at the end of each section, students can complete section questions that are auto-graded, allowing them to receive feedback right away on their progress.

For teachers:

Teachers get immediate feedback on their students' progress through the performance overview dashboard, located on the statistics page. Here, teachers can view a visual representation of student quiz and assignment scores. Teachers can then easily identify those students who need help, which makes intervention fast and efficient.

Below you will find some ways teachers can use Kognity's resources to successfully prepare their students for IGCSE Co-ordinated Sciences assessment components. Click on each picture to explore more in Kognity Co-ordinated Sciences!

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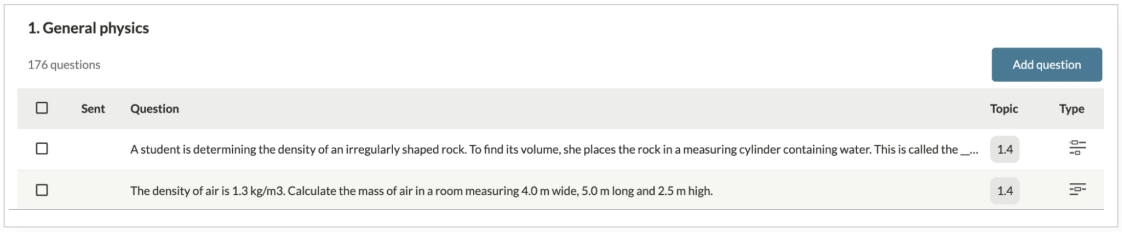
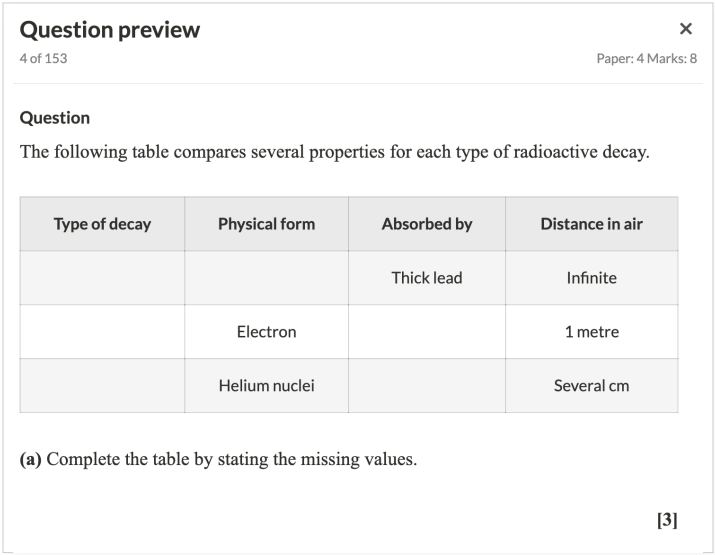
Revision Quizzes

Kognity's question assignments can be used as revision quizzes for review at the end of a unit. Teachers can drill students on specific techniques and tools using multiple examples. All question assignments are auto-graded, so students and teachers can immediately receive the results. Teachers can then revise any common mistakes before starting to teach new content.



Exam Practice Tasks

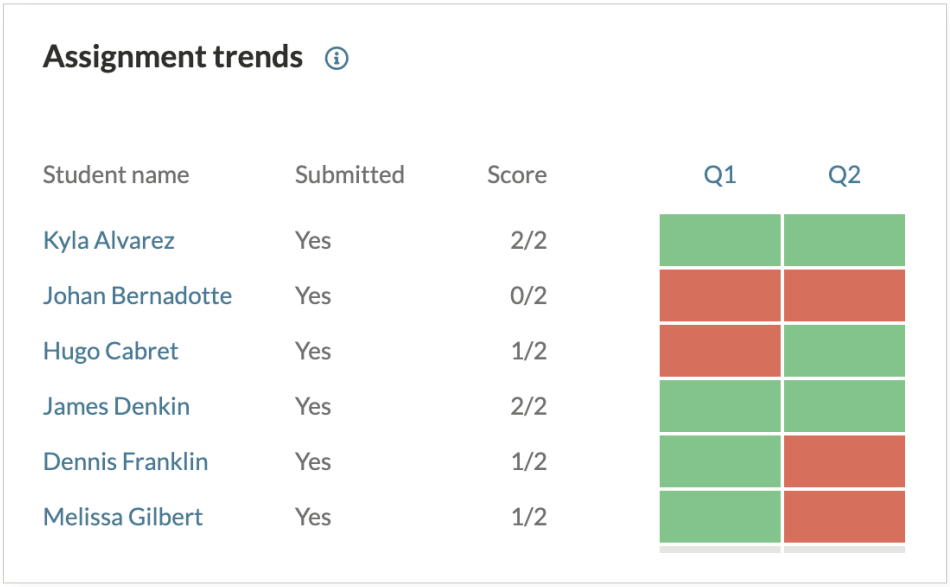
Kognity provides exam-style questions, marks schemes and model answers that teachers can use in a variety of different ways with their students. For example, teachers can go over a practice paper as a class, write the answer together, and focus on examiner comments. This is also a great way to familiarize students with command terms.



How does Kognity help with formative assessments?

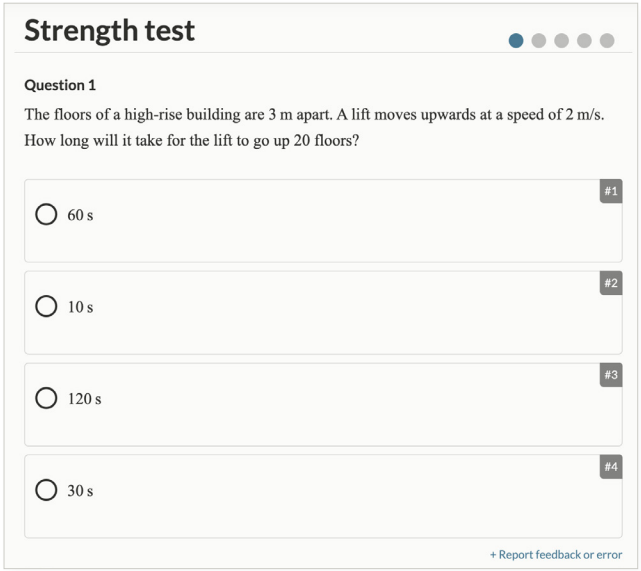
Homework/Progress Assessment

Question assignments or exam style assignments are given to students. Depending on the quality of the response, further questions can be added to reinforce or stretch their ability.



End of unit assessment

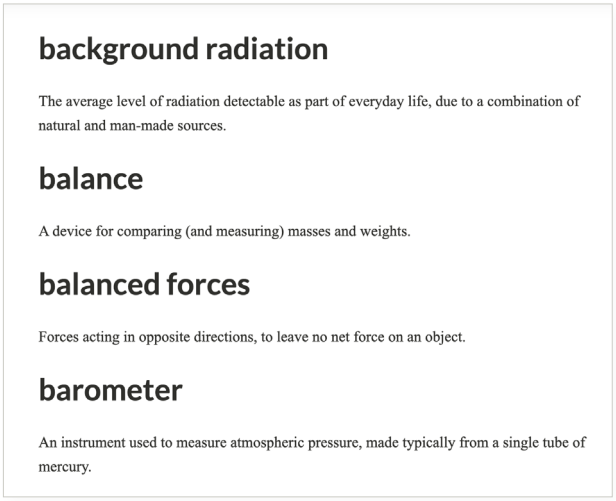
Teachers can give an end of unit formative assessment through strength questions to help students to identify their areas of weakness. Teachers can also assign examination questions to build knowledge and enable practice.

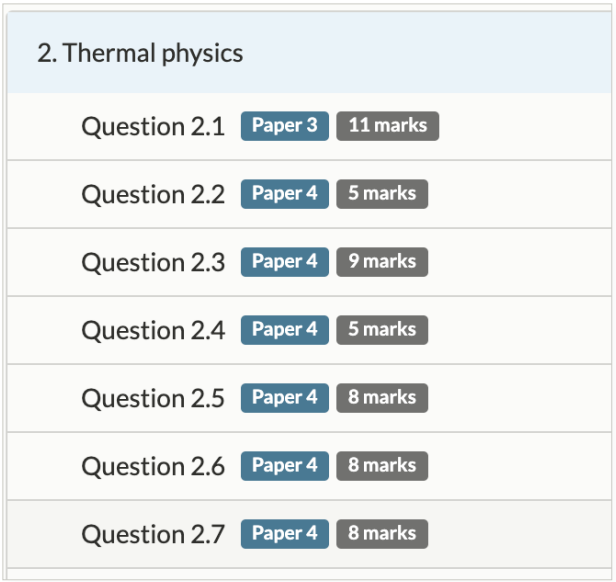


How does Kognity help with IGCSE Assessment Preparation?

There are many different ways teachers can use Kognity features to prepare students for IGCSE Co-ordinated Sciences papers.

- Teachers can use Kognity content with knowledge organisers to assist completion and help assess accuracy.
- Past examination questions can be given using the question bank which allows bulk practice or specific assignment of questions.
- Reference material for a review lecture... e.g. Today's lecture will focus on section 7.
- Exam Breakfast / Lunch Notes and flashcards created from Kognity materials such as the Glossary.





Additionally, throughout all of these activities the teacher must develop the ability to stand off and encourage their students to use their own resources in the first instance where assistance is required. (example: *The 4 b's principle:* Brain, **Book**, Buddy, Boss.)