Kognity

Assessment Prep with Kognity
IBDP Biology

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 IBDP exam preparation.

How does Kognity help with assessment preparation for IBDP Biology?

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 IBDP 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 Biology 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 Textbook and Questions data, located on the Insights 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 IBDP Biology assessment components. Click on each picture to explore more in Kognity Biology!

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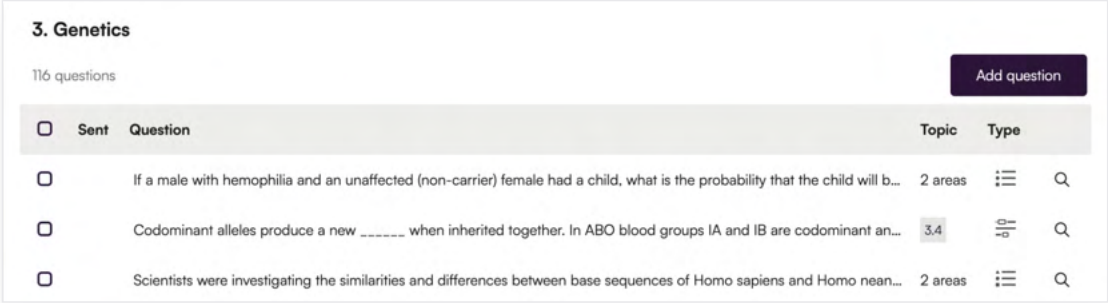
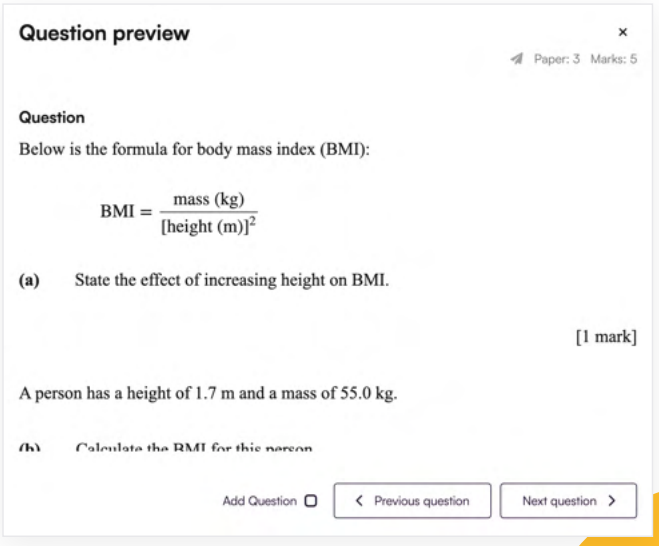
Revisions Quizzes

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

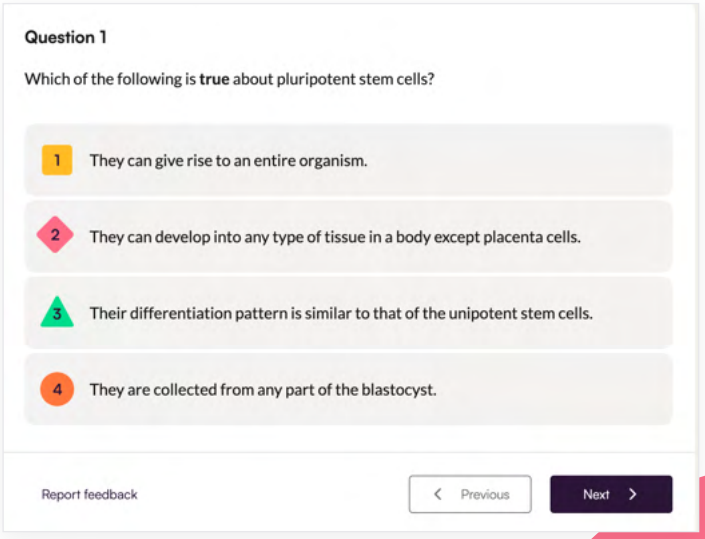
Kognity provides exam-style questions, marks schemes and model answers that teachers can use in a variety of different ways with their students. For example, teachers can go over a practice paper as a class, write the answer together, and focus on examiner comments.



How does Kognity help with formative assessments?

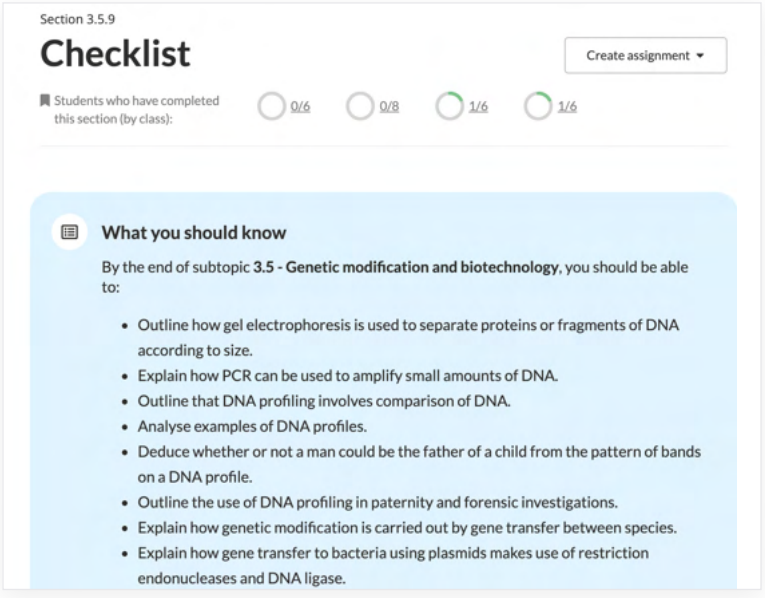
Self-Study

To provide students with resources for self-directed active recall study, use Strength tests and battles. Students can also use self-assessment checklists before a test or exam to help students identify areas of weakness.



Notebook and Checklists

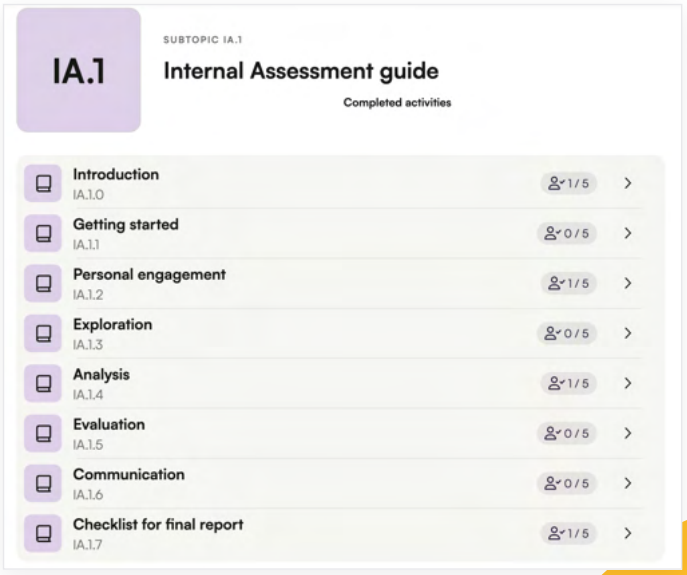
Kognity's notebook feature allows students to make their own notes and print out if necessary for consolidation. Students can use the notebook feature when they are performing self-assessment of knowledge and understanding at the end of each chapter with the checklists.



How does Kognity help with IB Assessment Preparation?

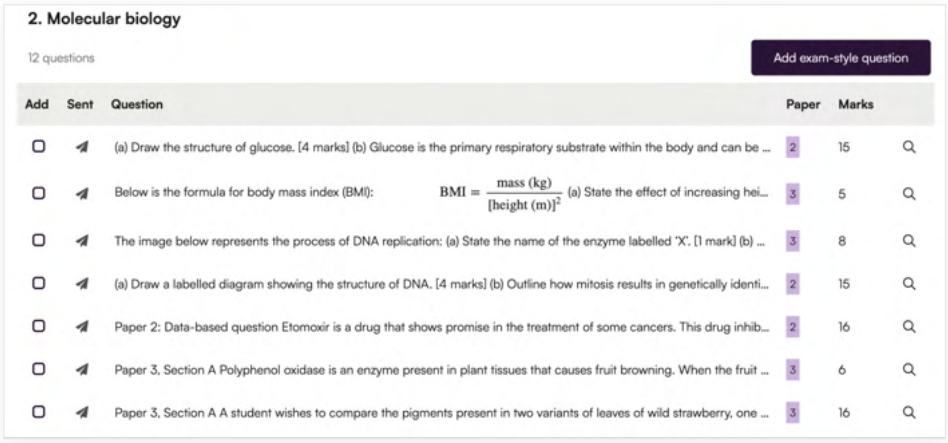
Internal Assessment

To ensure success in the IA, teachers must spend time introducing and explaining the criteria and responsibilities to their students. Kognity's IA topic is a great resource for both teachers and students to understand the requirements and see clear and detailed examples for each criterion, as well as formats for planning and reviewing their drafts.



IB Exam Papers

Exam tips are written by IB examiners and provide students with an understanding of what is expected of them in their exams. Kognity's exam-style assignments are all based on Papers 2 and 3 and contain questions, example answers and commented mark schemes that provide students tips for success that are written by examiners. Just add a timer when using an exam-style assignment to model real exam conditions!



How does Kognity help with IB Assessment Preparation?

Prescribed Practicals

For the prescribed practicals, Kognity has examples of practicals for each of the topics. Each experiment has a detailed procedure together with a list of apparatus and chemicals. There are also practice questions that cover the skills and calculations required in each experiment.