## **Kognity**

# **Assessment Prep with Kognity IBDP Chemistry**

#### 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 Chemistry?

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.

**66**"Think of feedback as received, not given."

John Hattie

#### For students:

Students can test their problem solving, interpretation and analysis skills in Chemistry 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 Chemistry assessment components. Click on each picture to explore more in Kognity Chemistry!

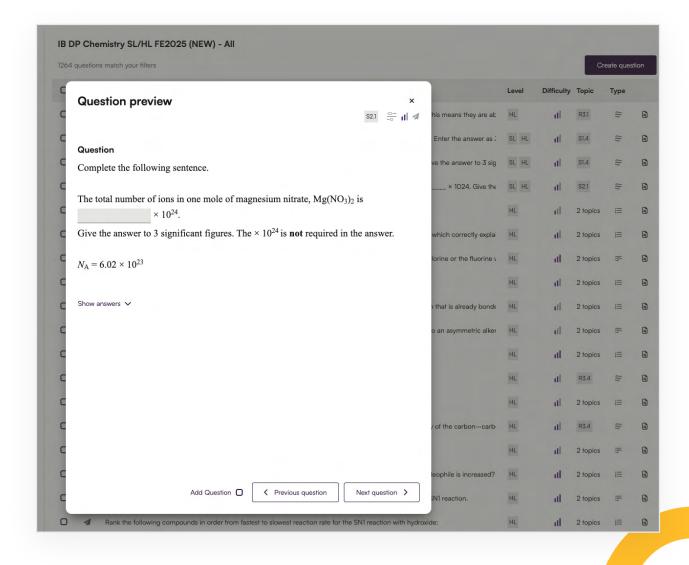




How does Kognity help
with IB Assessment
Preparation?

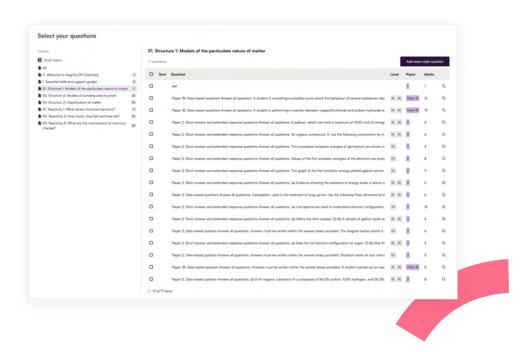
#### **Revisions Quizzes**

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.



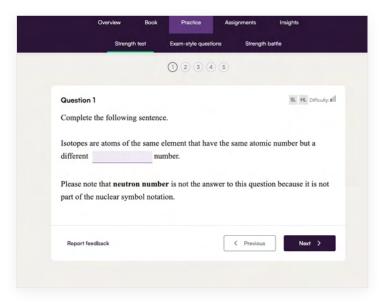
#### **Exam-style Preparation**

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.



#### Self-Study

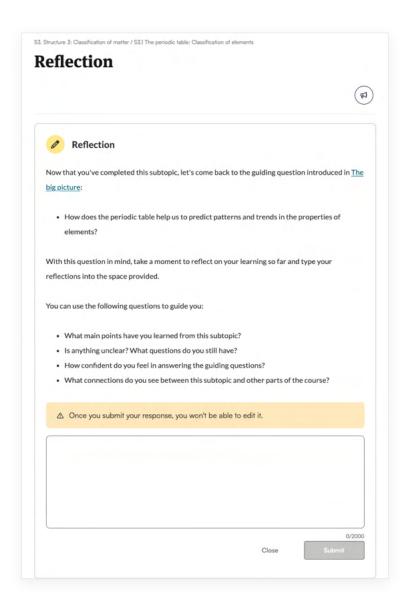
To provide students with resources for self-directed active recall study, use Strength tests and battles. Students can also use self-assessment checklists before a test or exam to help students identify areas of weakness.



#### Reflections

Reflections provide students with an opportunity to reflect on their learning. They encourage students to return to the subtopic's guiding questions, consider what they've learned, and write down their thoughts.

Reflections are an excellent assessment tool for gauging students' development and engagement with the material. As a teacher, you can use the Reflections submitted by your students as an additional tool to assess their conceptual understanding of the course.



#### **Notebook and Checklists**

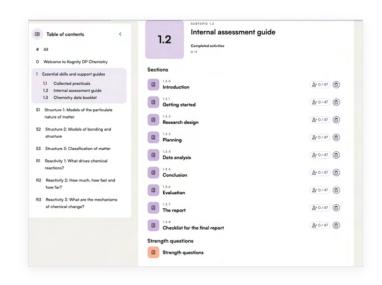
Kognity's notebook feature allows students to make their own notes and print out if necessary for consolidation. Students can use the notebook feature when they are performing self-assessment of knowledge and understanding at the end of each chapter with the checklists.

	Lesson	Plan	- w - b
Grade:	Subject:	Date:	
Topic:	L	esson #	
LESSON FOCUS A	ND GOALS:		
MATERIALS NEED	ED:	LEARNING OBJECTIVES:	

# How does Kognity help with IB Assessment Preparation?

#### Internal Assessment (IA)

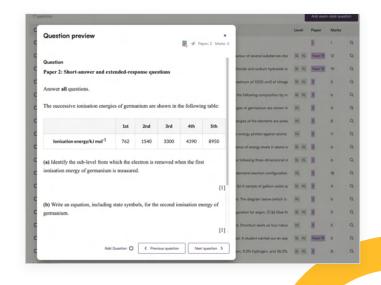
To ensure success in the IA, teachers must spend time introducing and explaining the criteria and responsibilities to their students. Kognity's Internal Assessment Guide is a great resource for both teachers and



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**

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 1B and 2 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?

#### **Collected Practicals**

For the collected practicals, Kognity has examples of practicals for each of the topics. Each experiment has a customisable procedure together with a suggested list of apparatus and chemicals for teachers to modify according to their unique school laboratory. Additionally, there are open-ended investigations that encourage students to develop their own experiments, promoting their inquiry skills to prepare for the IA.

