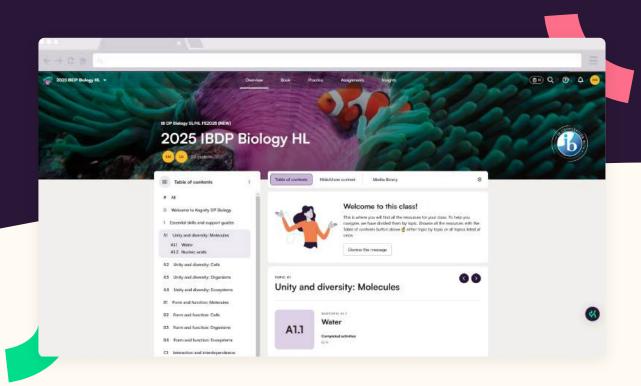
# **Kognity**

# **IBDP Biology**

Our IBDP Biology SL / HL subject supports the full DP syllabus for the first assessment in 2025.



## **Key Features**

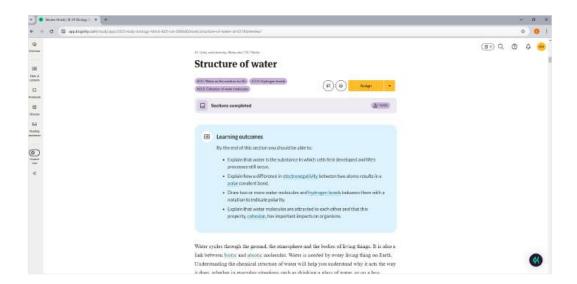
#### 1. The Book

### a. Syllabus organisation

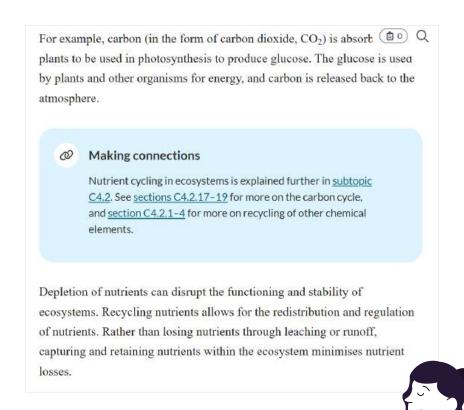
This resource has been co-published with the IB. The content has been reviewed by the IB to ensure that it fully aligns with the current IB curriculum and offers high-quality guidance and support for IB teaching and learning.



The specific syllabus understandings from the DP Biology guide, along with the associated learning outcomes can be seen at the start of each section. The content is organised by Theme as per the IB syllabus roadmap for DP Biology. Within each theme the content is organised by level of organisation moving from content at the molecular level all the way to the ecosystem level.

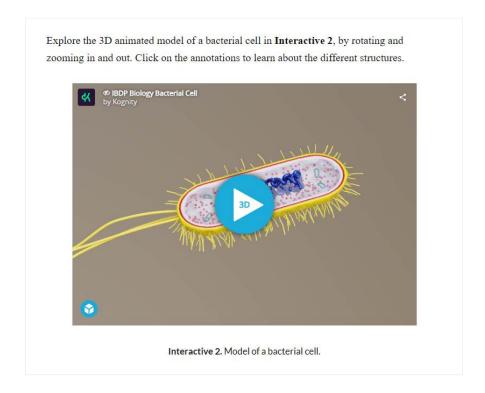


The thematic organisation of the syllabus affords educators choice in how they tailor their program for their students and school setting. This has been recognised in the Kognity platform and is supported by the addition of Making Connections boxes. These have hyperlinks to content that is related to the current topic in question. This allows the students to develop a deeper understanding of the interconnectedness of each topic at different levels of organisation in the natural world.



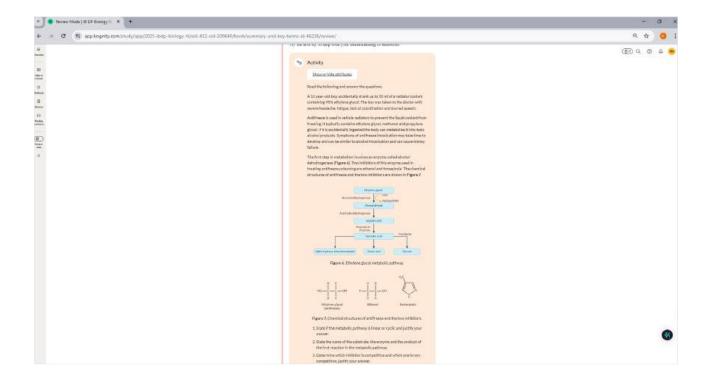
#### b. Course Content

Diagrams, illustrations, photos and videos add a visual perspective to key concepts of the syllabus. Kognity Biology also contains 3D models that are embedded directly into the text so that students can access them while they read. These clickable, interactive resources make learning fun and engaging.

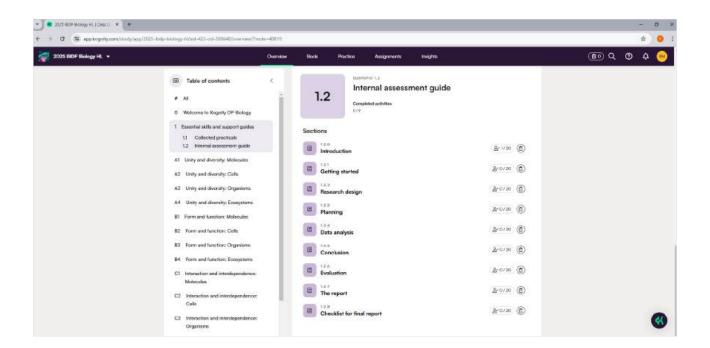


#### c. Practical Skills & Internal Assessment

The 2025 examinations subject guide does not mandate specific lab activities, however there are specific skills that students are expected to develop through their course of study. These skills are addressed throughout the Kognity book with suggested activities which can be undertaken as a class or individually by the student. Each experiment has a detailed procedure with apparatus and safety requirements, as applicable. There are also example calculations and practice questions for students to answer as they work through the experiment.

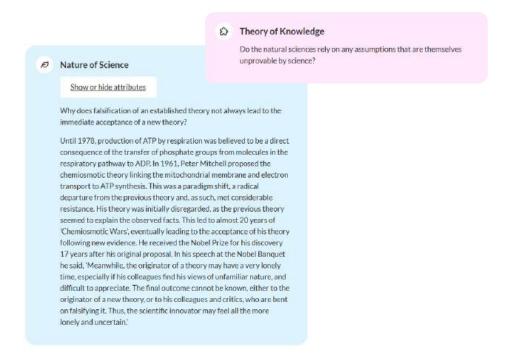


Along with practical skills, there is also ample support for students in their Internal Assessment with a whole section dedicated to guiding the students through the process of conducting their internal assessment with a focus on how to meet the demands of the IA assessment criteria.



#### d. TOK, NoS, CAS and International mindedness

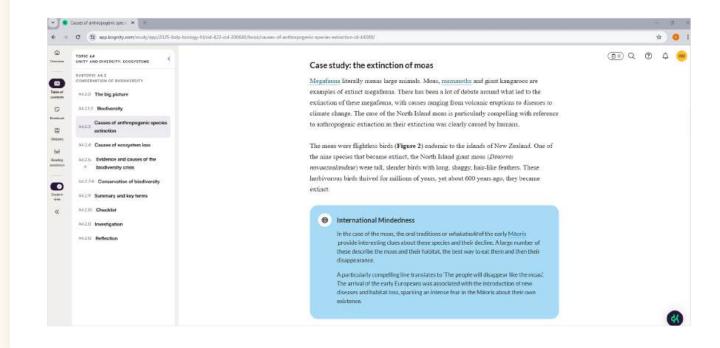
Within Kognity Biology you will find TOK boxes that help students make connections between their cross curricular TOK course and DP Biology. These provide interesting discussion points together with examples of knowledge questions. Nature of Science boxes are also incorporated throughout to demonstrate connections between subject content, TOK links and the overarching theme of the natural sciences in terms of how scientific knowledge is generated, tested, communicated and used.



In addition to direct curriculum based content and skills, there are boxes throughout the book which give students ideas for their CAS (Creativity, Activity, Service) component of the IB diploma. These are linked to the curriculum and support the CAS model with reflection questions.

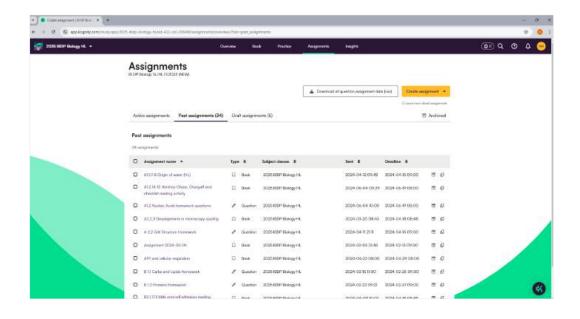


While international mindedness is an underlying theme throughout these different boxes and the book as a whole, there are some topics that lend themselves particularly to specific discussion under this theme. Boxes highlighting these can be found throughout.



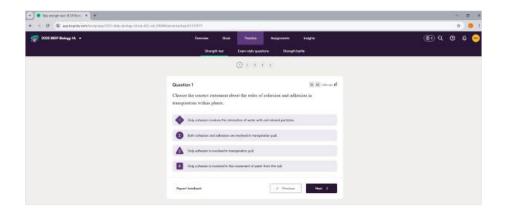
## 2. Assignments

The assignments section allows teachers to assign either book, question or exam-style question assignments. This can be used in many different ways including a flipped classroom approach, a review approach or a support approach.

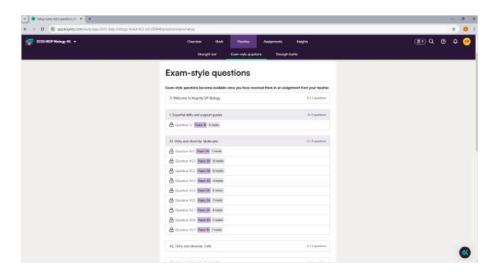


#### 3. The Practice Centre

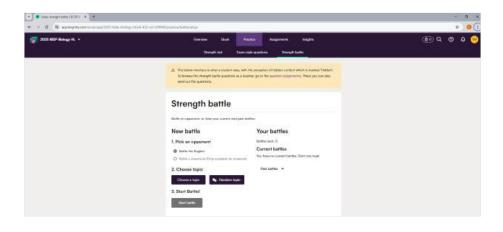
In addition to the fully syllabus-aligned textbook, Kognity Biology includes a fully-equipped practice centre. Students can complete strength tests using IB style questions. Questions can be assigned by the teacher in the assignments portal.



Exam style questions are available in a lockable format so that teachers can decide how to use this feature to suit their students and program best, for example to give access before mock exams, final exams or throughout the program.



Students can also have battles with the Kogbot or their classmates!



## 4. Insights

The Kognity platform allows teachers to monitor and track engagement and performance easily on student reflections (from readings), textbook reading progress, questions attempted (correct and incorrect) and activity times.

