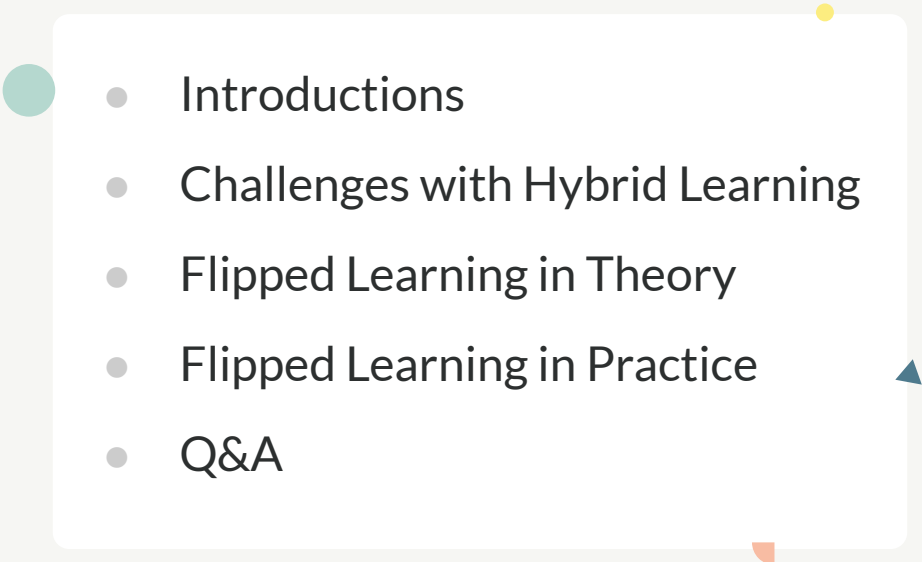
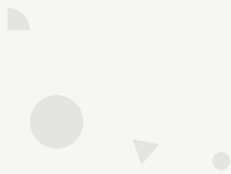


Tools and techniques to implement a flipped learning model

Agenda

- 
- Introductions
 - Challenges with Hybrid Learning
 - Flipped Learning in Theory
 - Flipped Learning in Practice
 - Q&A
- 

Kognity Introduction

Kognity is an award-winning digital publisher, combining the power of technology and textbooks to create a vastly elevated learning experience.

IBDP



Popular IBDP subjects



IGCSE



Popular IGCSE subjects



GCSE



Popular GCSE subjects

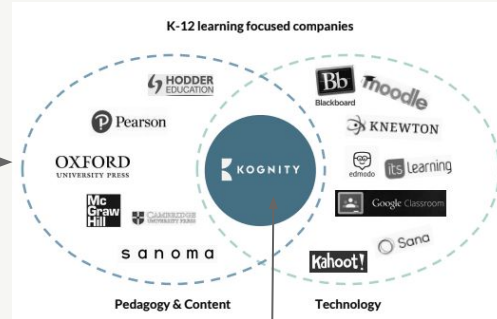


Kognity's positioning in EdTech

Kognity's uniqueness is that we are the only company in the world that has deep knowledge of content & pedagogy *as well as* technology. The easiest way to understand Kognity is to look at the market.

PUBLISHERS

Traditional publishers have great text-based content but have failed to bring that into a modern, technological age.



PLATFORMS

There are thousands of platforms in various categories (single use products such as Kahoot for taking quizzes, LMS such as Managebac or Powerschool for admin, or platforms for teachers to curate their own content).

They either solve only one aspect of learning, or cannot be the main source of information as they aren't curriculum aligned.

KOGNITY

Kognity sits in the intersection of both, as we are both a publisher as well as a learning platform provider. By creating our own interactive content, hosting this on our own learning platform with its embedded teaching tools, and leveraging the data that is generated as students study, we go into the heart of learning and create an enhanced, personalised learning experience.

Kognity Key Figures



109

Countries

64m

Questions taken

994

Kognity Schools



Challenges with Hybrid Learning



Challenges with Hybrid Learning - 2020

Remote or hybrid/blended teaching **without the right tools**

- 37%* of teachers in the UK feel under-equipped with the right technology
- 47%* of teachers feel inadequately supported with training

Content coverage delayed during lockdown

- Many teachers must catch up on large quantities of content to get where you need to be for your curriculum

Uncertainty around **future school closures**

+ **Accountability, technology infrastructure and equitable access,**



Challenges with Hybrid Learning - Discussion Points

1. How many of you are teaching fully remote? Fully live in school?
2. How many blended/hybrid?
3. How many of you are IB teachers? Cambridge IGCSE?
4. How many of you are on track for the content you had wanted to cover by this point?
5. Do you have more or fewer contact hours with students now?
6. Do you have any issues keeping students accountable, or has this improved? How about teachers?
7. Have you had trouble with student access to tech; devices / internet ?
8. Have you been made to use any new technology that you're uncomfortable with, or that you've not had sufficient training for?
9. What has been your biggest challenge?



How does Flipped Learning work

- in theory?

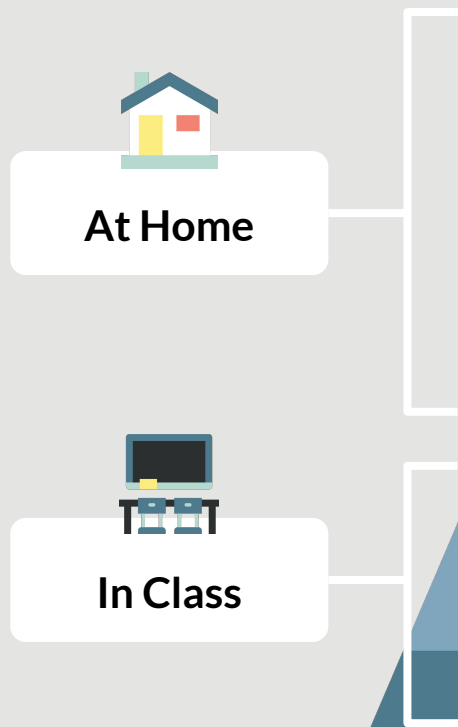




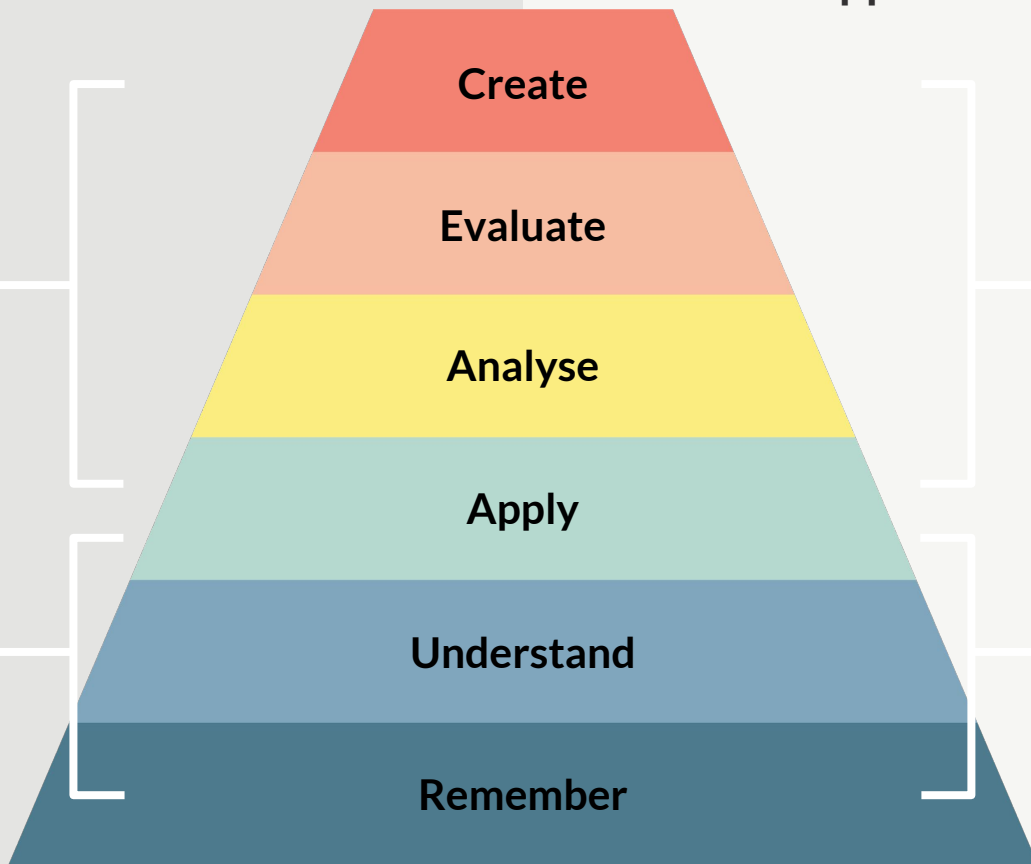
50%

of what is being taught in the classroom is known by students

Traditional approach



Flipped classroom approach



Critically examine info & make judgements

Judge, Test, Critique, Defend, Criticize

**Use information to
create something new**

Design, Build,
Construct, Plan,
Produce, Devise, Invent

**Take info apart &
explore relationships**

Categorize, Examine,
Compare/Contrast,
Organize

Create

Evaluate

Analyse

Apply

Understand

Remember

**Use information in a
new (but similar)
situation**

Use, Diagram, Make a
Chart, Draw, Apply,
Solve, Calculate

**Understanding &
making sense out of
information**

Interpret, Summarize,
Explain, Infer,
Paraphrase, Discuss


Find or remember information

List, Find, Name, Identify, Locate, Describe,
Memorize, Define

Show of “virtual” hands

1. The thought of teachers not being the “sage on the stage”, but rather the “guide on the side” excites me
2. I want to give more autonomy to my students but am afraid of losing control
3. I can differentiate my teaching to suit every single student’s needs
4. I think technology is used effectively in my school
5. I flip the classroom
6. I think that I flip the classroom effectively
7. I have enough time during the day...





Flipped Learning

- in practice



The 3 Pillars of Flipped Learning

1

Content
Delivery

2

Know what your
students know

3

Student
Self-Management



Pillar 1 - Content Delivery

Reading assignments to flip the classroom

- Assign reading or pre-recorded lesson video for access at home
- Covering “lower order thinking” at home before going deeper into “higher order thinking” in class
- Knowing when students have done the reading

[Kognity demo](#)



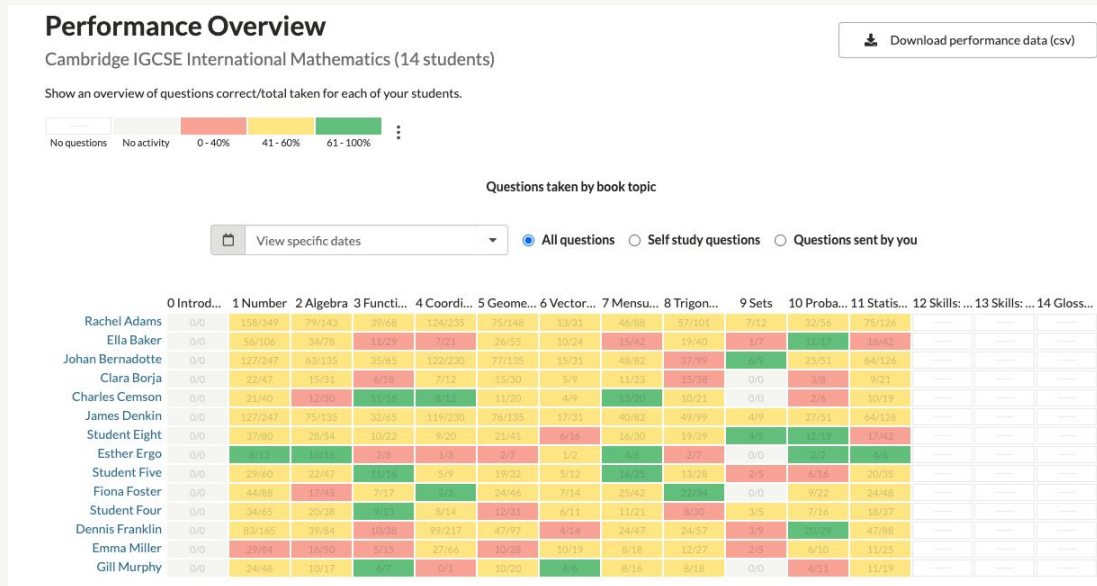
Pillar 2 - Know what your students know



Knowing what your students know

- Tracking students' performance over time
- Understand what students are doing in their own time
- Data-driven differentiation based on students' individual needs

[Kognity demo](#)



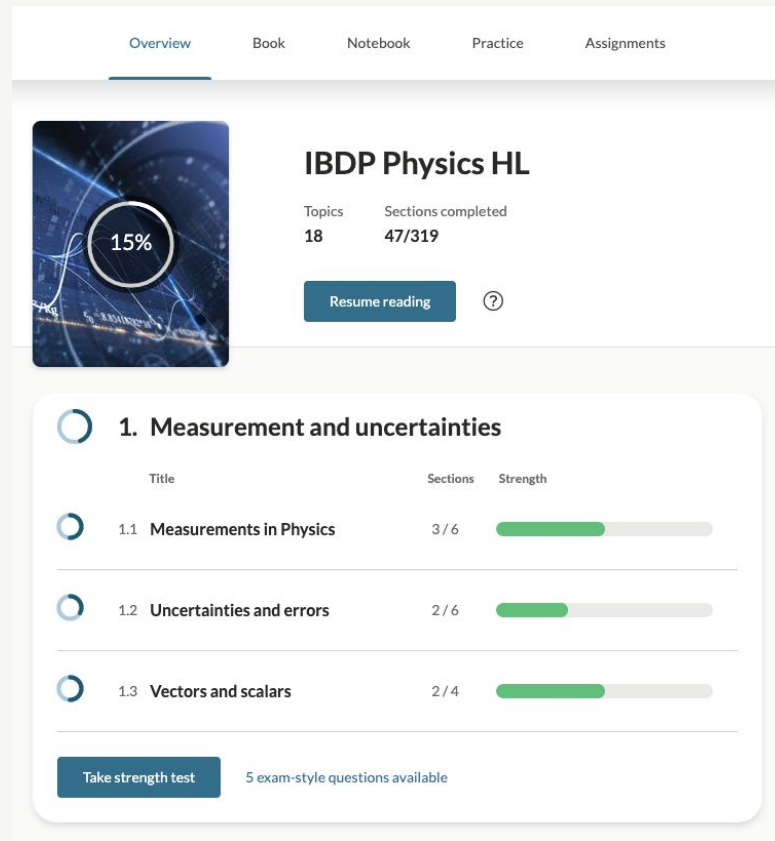
Pillar 3 - Student Self-Management

Engaging independent learning

- Requires student self management
- Give students the ability to self-assess
- Engaging, interactive learning
- Continuous built-in assessment
- Provide students with the data on their strengths and weaknesses

Then supported with continuous tailored formative assessment

[Kognity demo](#)



The screenshot displays the Kognity student interface for IBDP Physics HL. At the top, there are navigation tabs: Overview (selected), Book, Notebook, Practice, and Assignments. Below the tabs, on the left, is a circular progress indicator showing 15% completion. To the right of this, the course title 'IBDP Physics HL' is displayed, followed by 'Topics 18' and 'Sections completed 47/319'. A 'Resume reading' button and a help icon (?) are also present. Below this, a section titled '1. Measurement and uncertainties' is shown. It contains a table with three rows of sections, each with a title, a progress indicator (3/6, 2/6, 2/4), and a strength bar. At the bottom, there is a 'Take strength test' button and a note that '5 exam-style questions available'.

Title	Sections	Strength
1.1 Measurements in Physics	3 / 6	<div></div>
1.2 Uncertainties and errors	2 / 6	<div></div>
1.3 Vectors and scalars	2 / 4	<div></div>

[Take strength test](#) 5 exam-style questions available

Q&A

Thanks!

[Download our “flipping the classroom with video” guide here.](#)

If you mention this webinar when you sign up for a demo, we can give you an extended 6-week trial

edward.smith@kognity.com

