



# How Achieve supported Mathilde's students in self-regulated learning at Durham University

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**Mathilde Roger** is an Associate Professor at Durham University. She is the Digital Learning Coordinator for the Department of Biosciences. As part of this role, Mathilde has customised the Achieve resources to support her colleagues teaching in the courses. Mathilde was teaching in the Genetics module when the resources were first used.

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## About Mathilde Roger's Course

In a given semester, there are several hundred students across multiple courses in the Biosciences department. Generating formative and summative assessments for this number of students can be very time consuming.

**Courses:** Genetics, Introduction to Physiology, Organism & environment

**Class Size:** Approx 200-250 students for each course

**Institution:** Durham University

**Goal:** Self regulated learning

**Macmillan Learning Technology Used:** Achieve

**Macmillan Learning Textbook Assigned:** *Genetics* by Benjamin Pierce

**Standout Features:** Formative Assessment and ebook





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# Exploring Achieve to facilitate student engagement

Mathilde Roger started using Macmillan Learning's online platforms many years ago and in 2021, they transitioned to Macmillan Learning's new online platform - Achieve. Durham University were one of the first UK universities to provide digital resources and access to ebooks as part of their degree programme. The teaching team started to use more of the platform to improve students' engagement and support their knowledge. During the pandemic some of the students couldn't come in person but needed to gain sufficient skills to continue their degree, so Mathilde added the Achieve Labs products which helped students access lab simulations anytime, anywhere.

Mathilde was thankful to be using Macmillan Learning digital products before the pandemic, which made remote teaching much easier.

**When deciding which online product to use with her team and students, it was important to Mathilde that:**

- ✓ The solution needed to be simple to use with an engaging interface and integrated into the LMS/VLE
- ✓ It would be customisable so staff could add their own content such as questions
- ✓ It would have familiar, high quality content in the ebooks
- ✓ There would be lots of formative assessment options that could help save time

**“Amazing Support! Macmillan Learning really stands out, is easy to reach, super fast and efficient”**

—Mathilde Roger





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## Promoting self-regulated learning by offering to students enough practice and extra material

The teaching team found that the students were always asking for more practice and generating tests was a time consuming activity for Mathilde and her colleagues, especially for formative tasks. Achieve provided engaging interactive resources that provided the students extra activities to further their knowledge and the pre-generated tests are automatically marked saving time in preparation and delivery.

One of the learning outcomes of the course is to promote self-regulated learning where students can be in charge of when and how they learn and self-assess. Students accessed Achieve before class to prepare which was particularly helpful before practical classes. Students also completed homework tests in Achieve for all courses.

### **Achieve saves instructors time**

“Because test generation and marking is automatic, this means we have more time for other tasks”

—Mathilde Roger

### **Achieve helps students with varied learning styles**

“Achieve is really helpful for students who need alternative formats for learning. Lectures are not suitable for all and Achieve helps students to learn using rich materials such as animations.”

—Mathilde Roger

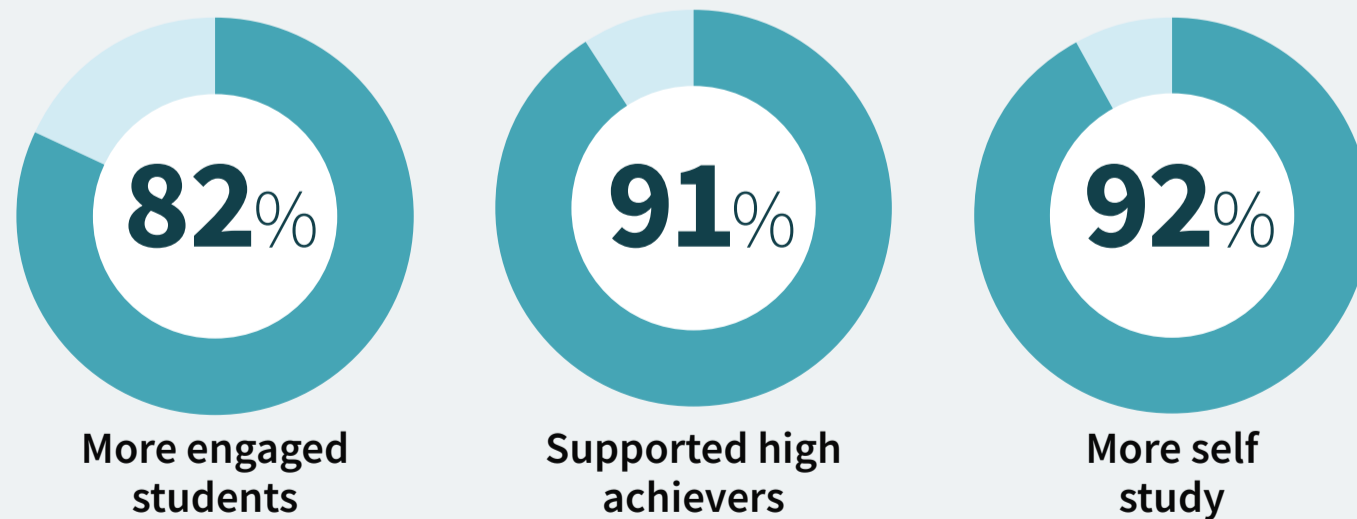
# How Achieve features helped Mathilde meet her learning outcomes

Ranking individual Achieve features on a scale of 1-10

Ebook	Videos/ Assignments Quizzes	Assignments	Lab resources
10/10	10/10	10/10	10/10
Interactives	Simulations	Adaptive Quizzing	Assessment
10/10	10/10	10/10	10/10

# How Mathilde felt the following attributes improved as a result of using Achieve

Ranking attributes as a percentage



## What next for Durham University's Bioscience department?

“Next year we will continue to use Achieve and start using Macmillan Learning iclicker student response system which comes included and integrated into Achieve.”

—Mathilde Roger

# Get Started With Achieve Today!

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If you're looking for an intuitive learning support solution to help you connect with students and foster success, look to Macmillan Learning's Achieve courseware platform. Seamlessly integrated into your campus's Virtual Learning Environment, Achieve delivers powerful media and assessment tools that give every student a voice.

[Contact your Macmillan Learning representative](#)

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