

How to boost students' grades through personalised learning



Dr Beatriz Maciá, Senior Lecturer in Organic Chemistry at Manchester Metropolitan University, won the 2023 Students' Union 'Teacher of the Year' award and has over a decade of experience using Macmillan Learning products.

About the courses

Institution: Manchester Metropolitan University

Courses: Year-1 Chemistry (BSc and MChem) and Pharmaceutical Chemistry (BSc and MChem) (80 students each)

Goal: Use *Achieve* to give students practice with personalised feedback to help instructors track progress and identify areas for improvement

Resource: *Achieve Essentials for General Chemistry*

The challenge

- Large first year Chemistry and Pharmaceutical Chemistry student cohorts
- Unsustainable weekly marking
- Students needed timely feedback to grasp complex concepts

The product

- *Achieve* is one seamless platform with interactive, syllabus-aligned learning tools
- Auto-graded questions that give students instant, actionable feedback
- Analytics that highlight topics learners find challenging

The solution

- Set weekly *Achieve* assignments
- Assigned pre-class quizzes
- Promoted self-study
- Provided in-class assessments

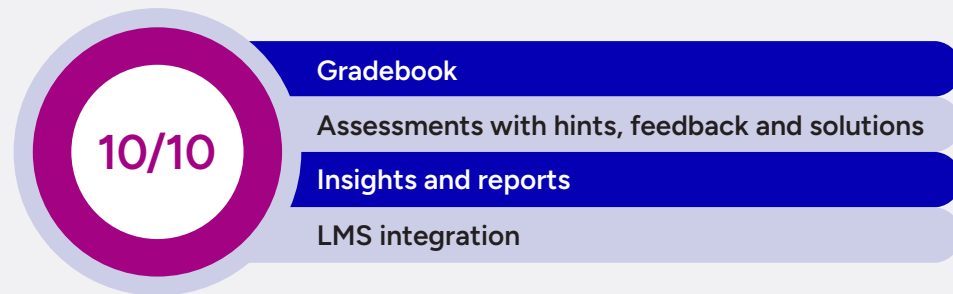


"Achieve is an excellent platform that promotes active and independent learning."

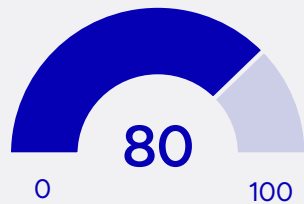
– Dr Beatriz Maciá

How *Achieve* improved student outcomes

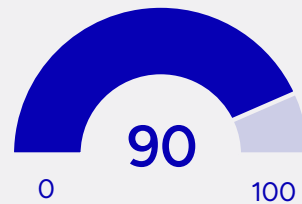
Ranking individual *Achieve* features on a scale of 1-10



Average grade (%)



Student engagement (%)



Results at a glance

Beatriz rated all key student outcomes at 92 out of 100, reflecting the strong impact *Achieve* had on the course.

These included:

- Higher grades
- More visibility on student progress
- More engaged students
- Increased self study
- Better preparation for class
- Support for every student

Highlights

- Diverse question formats
- Instant feedback
- Full syllabus coverage
- Smooth Moodle integration

Support that stands out

- Fast response from Macmillan Learning
- Custom questions on request
- Proactive strategies to boost engagement

What's next

- Continued use across teaching
- New summative summer quizzes
- Utilising assessments as a revision tool

"Macmillan Learning supports both staff and students in an exceptional manner. Their service support is excellent."

— Dr Beatriz Maciá



Get started with *Achieve* today!

Achieve brings together powerful media and assessment tools, smart insights, and seamless VLE integration. Discover how *Achieve* can support your course and boost student outcomes.