

Evidence for the **impact** of Educake

Educake works with over 1 in 4 secondary schools in England and many have shared the positive impact Educake has on their exam results.

- Educake improves student performance at GCSE
- Educake improves Progress 8 scores
- The more a student uses Educake, the more their grades improve

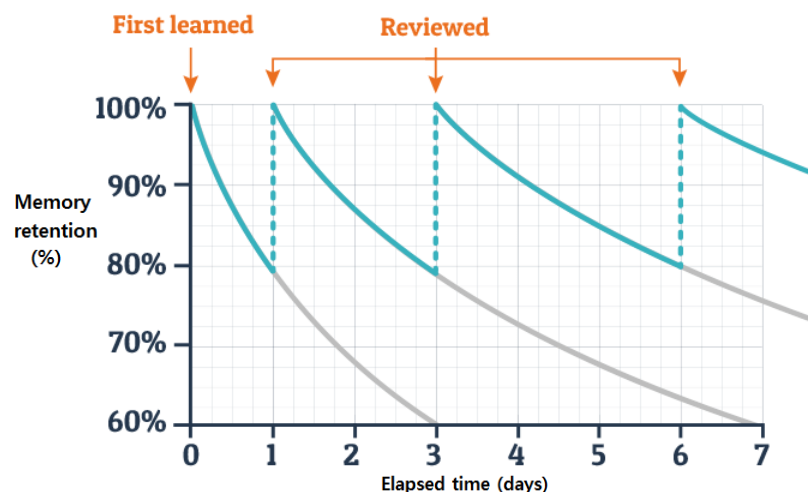
The benefits of **formative assessment** on **student progress**

Formative assessment plays a crucial role in driving student progress by actively shaping teaching and learning, rather than simply collecting data. **Dylan Wiliam views assessment as a bridge between what has been taught and what students retain, aligning closely with the concept of the “forgetting curve” - the idea that without reinforcement, knowledge fades over time.**⁽¹⁾

Educake’s Dr Sarah Bremner highlights that assessment should move beyond ticking boxes or assigning grades, focusing instead on meaningful feedback that promotes retrieval practice and reflection.

Effective formative assessment helps teachers uncover misconceptions, guiding students to revisit and strengthen their understanding.

Ultimately, it transforms assessment from a bureaucratic exercise into a powerful tool for long-term knowledge retention and academic growth.



(1) From https://www.researchgate.net/publication/258423377_Assessment_The_bridge_between_teaching_and_learning

Educake improves student performance at GCSE



Manor Academy, Nottinghamshire

Non-selective, 1300 students, FSM 28.6%.
Used Educake since 2017, across all departments.

"We looked at the 2024 GCSE exam results, and the students who had done their Educake homework over that time were the students who got the results that they were hoping for. **The correlation is very tight between Educake homework, learning, and also the results.**"

Helen Corsie, Assistant Headteacher



"We analysed the number of Educake questions answered compared to how well students performed on tests. **Every single time, they showed that more Educake questions answered means better test results.** At first, we wondered if that was just because students who do well on tests tend to do more homework. But then we had a look at students' value-added results, and more Educake homework led to greater value added. **That indicated to us that there was a causal link: doing more Educake questions had a positive effect on results.** The school at that point decided to expand its use of Educake to all departments."

Bruce Starkey, Second in Science



Nobel School, Hertfordshire

Non-selective, 1463 students, FSM 16.9%. Used Educake since 2020.

"Since we started using Educake we've been in the top 10% nationally for our history results. That was the only change we made. **Our students' knowledge has just gone off the charts, all through doing little-and-often assessments again and again.**"

Ben Philcox, Head of History

Denefield School, Berkshire

Non-selective, 1120 students, FSM 14.7%. Used Educake since 2020.

"Our Combined Science results have improved from the bottom 4% (2019) in terms of student progression to the top 25% (2022). We are on track to improve on this figure this year. **Educake is one of the main driving forces behind the exceptional improvement in student progression.**"

Adam Crossley, Head of Science

Educake improves Progress 8 scores

Cams Hill School, Hampshire

Non-selective, 1253 students, FSM 11.5%.
Used Educake since 2023, across all departments.

"In the last year our P8 went up by 0.3 – Educake was part of that philosophy."

Ian Hudson, Headteacher



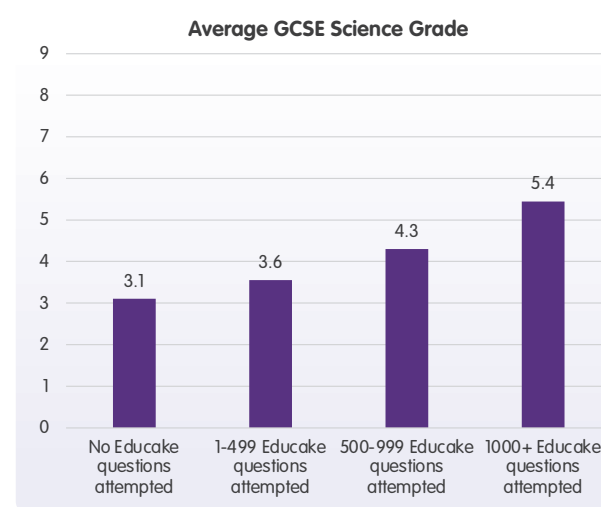
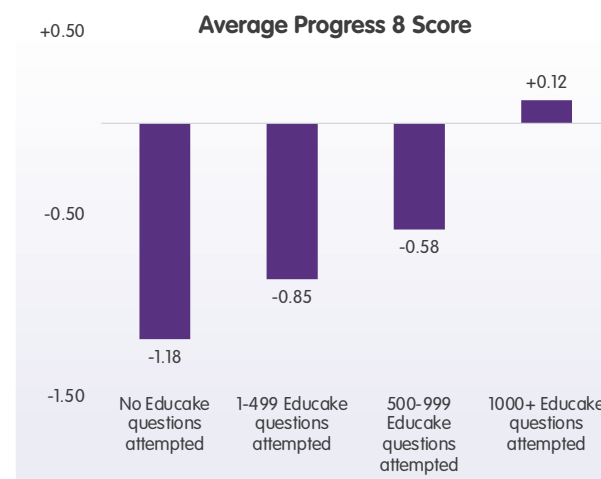
Valley Park School, Kent

Non-selective, 1157 students, FSM 18.7%.
Used Educake since 2020.

Valley Park School analysed the effect of using Educake on their GCSE performance and Progress 8 scores. Findings December 2024:

Students who didn't attempt any Educake questions had an average Progress 8 Score of -1.18. By contrast, students who did attempt Educake questions had an average Progress 8 score of -0.74. In fact, on average **the more Educake questions a student attempted, the higher their Progress 8 score.**

The results show a clear link between Educake usage and average GCSE Science grades, with **regular users of Educake averaging over two GCSE grades higher than students who didn't use Educake.**



Find out more about how Educake can improve outcomes – book a personalised demo at educake.co.uk/leaders →



Educake supports the progress of all students, with students receiving pupil premium benefitting the most

Woodchurch High School, Merseyside

Non-selective, 1419 students, FSM 36.4%. Used Educake since 2023.

"I pulled together some data to examine the correlation between students' attainment in their November assessments and their engagement with Educake questions. There's a clear upward trend showing that students who answer the most questions perform the highest on their other assessments."



Jen Taylor, Curriculum Leader for Science

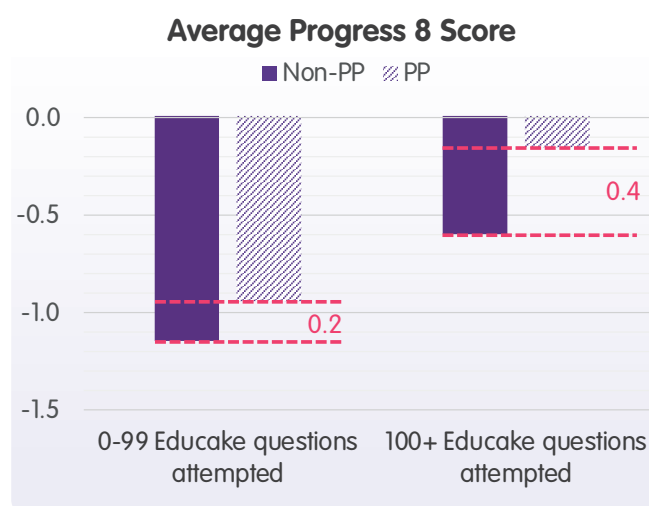
Valley Park School, Kent

Non-selective, 1157 students, FSM 18.7%.
Used Educake since 2020.

"At this school, pupil premium students achieved higher Progress 8 scores on average than their peers. The difference was even greater if they had engaged with Educake."



Greg Campbell, Research Project December 2024



St Aidan's CofE High School, North Yorkshire

Non-selective, 1463 students, FSM 5.4%. Used Educake since 2019.

"We have found it really useful, and it has clearly helped out students and has had an impact on the GCSE Geography results we achieved this year, particularly with different groups of students i.e. boys/SEND/disadvantaged."

Anna Lennox, Director of Learning (Humanities)

How can Educake improve student outcomes in your school?
Book a personalised demo

