

Key Findings Summary

September 2025 Efficacy Study Report

Study Summary

This efficacy study took place throughout the 2024-2025 academic year, in partnership with ImpactEd Evaluation. The study explored the impact of Sumdog on maths attainment and attitudes towards maths for Year 5 pupils at 14 England primary schools, who had not used Sumdog before. Data collection consisted of teacher interviews and focus groups, baseline and endline pupils surveys and attainment recording at the start of Term 1 and end of Term 3.

Key Finding 1: Easy To Use

Teachers found the platform intuitive, with minimal need for ongoing support after initial setup.

Key Finding 2: Consolidates Learning

Sumdog was successfully used as a tool for pupils to practise what they had been taught in class, engage less interested pupils with learning maths and to identify gaps in learning.

Key Finding 3: Increases Engagement

All teachers reported that pupils enjoyed engaging with maths through Sumdog with optimism that attitudes towards the subject would positively shift over a longer period of use.

Key Finding 4: Boosts Mathematical Fluency

Pupils using Sumdog had made statistically significant improvements in maths attainment between Term 1 and 3. Though not attributed to Sumdog alone, teachers felt Sumdog supported mathematical fluency and was a valuable component of their toolkit for improving progress.

Key Finding 5: Increased Impact For Boys

Male pupils saw a statistically significant decrease in their anxiety towards maths and a statistically significant improvement in their maths attainment compared to their female peers.

Key Finding 6: Promotes Mathematical Accuracy

Sumdog's anti-rush technology effectively encouraged pupils to apply their mathematical understanding more carefully when answering questions.

Key Finding 7: Supports Vulnerable Learners

Pupils with SEN (Special Educational Needs), lower-attaining pupils and those with lower self-esteem saw increased benefits from using Sumdog.

[Read the full study interim report at learn.sumdog.com](https://learn.sumdog.com)