

Mathletics delivers better NAPLAN results for Australian schools

Mathletics

A rigorous analysis of national NAPLAN data shows students using Mathletics consistently outperform their peers.

Further, the difference in maths results between Mathletics and non-Mathletics schools was consistent across schools and year levels. The results are compelling:

- Year 3 students using Mathletics scored **7.6 points higher than their non-user peers**.
- Year 5 students using Mathletics scored **9.6 points higher** – the equivalent of around one term of additional progress.
- Just **15-30 minutes** per week on Mathletics delivered **measurable improvements**.
- More use of Mathletics led to greater gains. High-engagement students saw **up to 89-point lifts**.

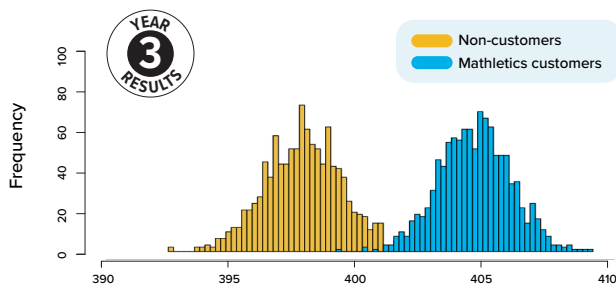
Unlike many studies that rely on a small, hand-picked selection of schools, the recent report uses the **complete national NAPLAN dataset from ACARA**, which includes every government, Catholic and independent school across Australia. The study examined Mathletics usage data covering seven months of active school terms leading up to NAPLAN.

NAPLAN lift (Year 3 & Year 5)

- **Year 3: +7.6 points higher on average**
- **Year 5: +9.6 points higher on average**

Year 3 Results

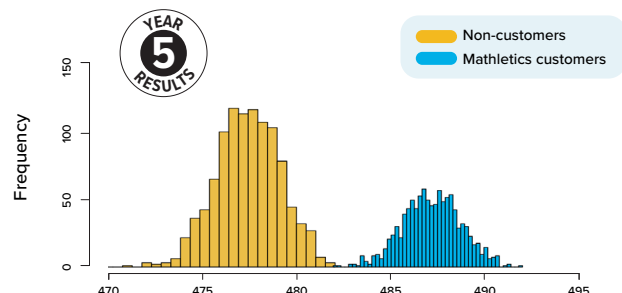
- Mathletics schools: 405.4 points average
- Non-Mathletics schools: 397.8 points average



Year 3 NAPLAN numeracy score

Year 5 Results

- Mathletics schools: 487.5 points average
- Non-Mathletics schools: 477.9 points average

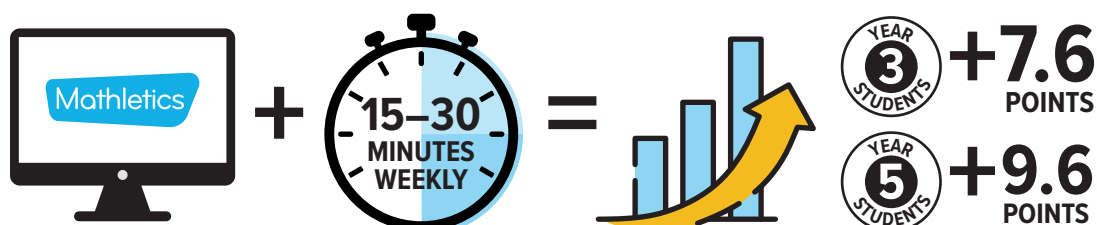


Year 5 NAPLAN numeracy score

Just 15-30 minutes a week delivers measurable NAPLAN improvements

Students who used Mathletics for just 15-30 minutes per week achieved significantly higher NAPLAN scores compared to non-users.

Mathletics delivers measurable gains in NAPLAN – and the more students use it, the greater the results.



Higher usage drives even better results

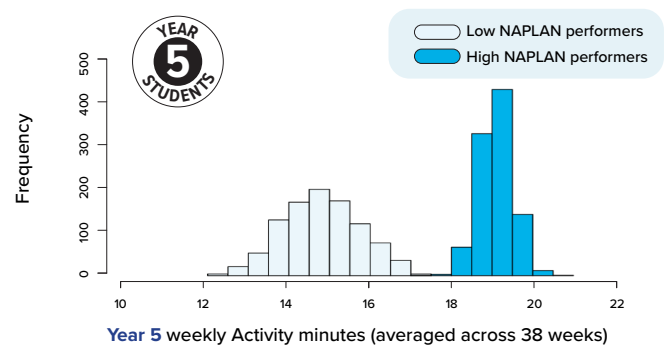
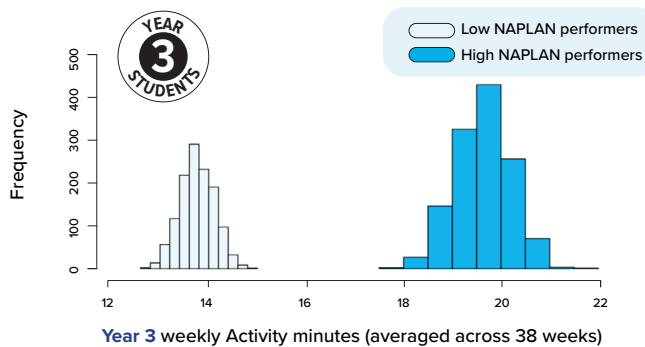
Among Mathletics users, students with higher weekly usage achieved significantly better NAPLAN results than those with lower usage.

Increasing usage from 15 to 30 minutes per week led to an additional boost in scores, highlighting the impact of consistent practice.

High-engagement students saw up to 89-point lifts.



Engagement effect (more use = greater gains)



What makes Mathletics effective



- **Curriculum-aligned learning**
Built for the Australian Curriculum, Version 9.0 with state-specific alignment ensuring direct relevance to NAPLAN assessment domains.



- **Evidence-based pedagogy**
Incorporates High Impact Teaching Strategies and systematic, explicit instruction methodology proven effective for mathematics learning.



- **Differentiated instruction**
Self-paced learning allows students to progress after demonstrating competency, while teachers access comprehensive reporting to target interventions.



- **Immediate feedback mechanisms**
Students receive instant performance feedback, enabling rapid learning adjustments and maintaining engagement through positive reinforcement.

Ready to see these results at your school?

Start your free trial today and experience the Mathletics advantage



Free trial
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Research methodology: This comparative study analysed 2024 NAPLAN numeracy data using bootstrapping techniques with stratified sampling across government, Catholic and independent sectors. Rather than relying on small samples, this analysis drew from the complete ACARA dataset, ensuring representative findings across Australia's diverse school landscape.