

For Years K-2

ABC Mathseeds

Real learning, real maths, really fun!

Created specifically for the needs of early maths learners, Mathseeds provides teachers with an **academically rigorous maths program** that students love. Learners will be **engaged, enthusiastic and willing to learn.**



Mathseeds has been developed by an experienced team of teachers, educational writers, animators and web developers – the same creative team behind Reading Eggs.



Maximise student engagement



Improve outcomes



Student-centred learning



Blended teaching and learning

Contact us for a FREE TRIAL today!

 0800 375 327

 enquiries@3plearning.co.nz

 www.3plearning.com/mathseeds

Mathseeds in the classroom

Mathseeds includes a built-in **diagnostic assessment** which ensures all students begin at an appropriate level and progress at their own rate on activities that provide both instruction and practice. The **highly interactive activities** are provided in a logical sequence ensuring key concepts are learnt in-depth, which greatly improves long term retention.

Engaging, easy-to-navigate lessons that incorporate systematic and explicit teaching of mathematical content, skills and strategies. Mathseeds will challenge students to build their critical thinking and problem-solving skills.

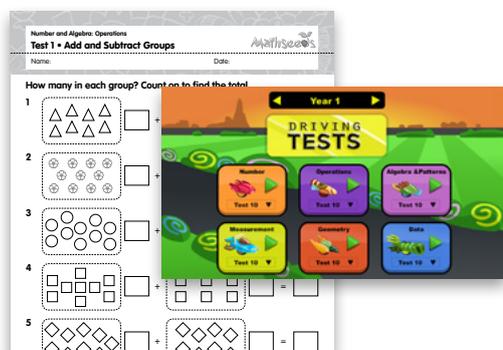
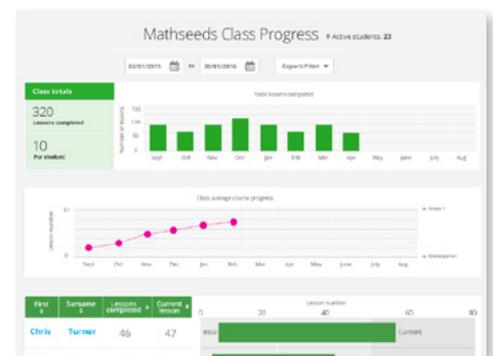


Mathseeds Lessons

- ✓ Begin with meaningful and engaging step-by-step instruction.
- ✓ Students complete guided and independent practice activities.
- ✓ An early and sustained focus on number sense and mental computation strategies builds the foundation that underpins more complex skill sets.

Progress

- ✓ Activities are designed to engage students and to **encourage concept mastery**.
- ✓ Learners need to provide mostly correct answers to move forward in the lesson and sequence.
- ✓ Students are **motivated and rewarded** for their efforts as they complete lessons and move onto new maps.



Assessment

- ✓ Assessment is embedded throughout lessons and the **end of map quiz tests** students' knowledge of the previous five lessons.
- ✓ **Mathseeds Driving Tests** assess skills in six core areas.
- ✓ Use **printable assessments** in the Teacher Toolkit to track and monitor student growth offline.





Maximise Student Engagement Recognition, Rewards and Motivators

- ✓ All learners can experience success and take pride in their achievements by earning **Golden Acorns** to use as a form of currency in other areas of their console.
- ✓ Printable gold, silver and bronze **certificates** are a great way to reward progress.

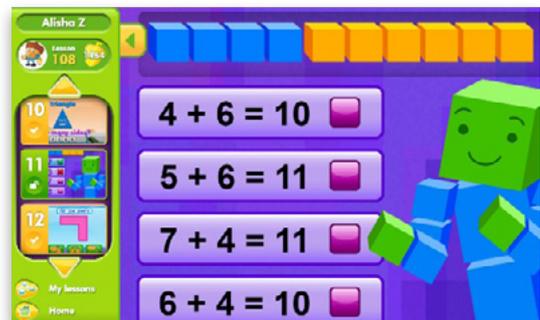


- ✓ Built-in rewards include **gamified experiences** to motivate students to make real progress. The games include leader boards that encourage students to make another attempt.
- ✓ In their Treehouse, Mathseeds students can view the rewards they have earned and shop for decorations with their Golden Acorns.
- ✓ Students can create their own unique **Avatar** using the golden acorns they have received as a result of their hard work!

Student-Centred Learning

Differentiation & unique learning experiences

- ✓ Mathseeds is an easy-to-use, motivational sequence where every student has their own self-paced learning path.
- ✓ Highly interactive, well-paced lessons use digital manipulatives to model each new skill and strategy.
- ✓ Diverse instructional formats appeal to different learning styles.



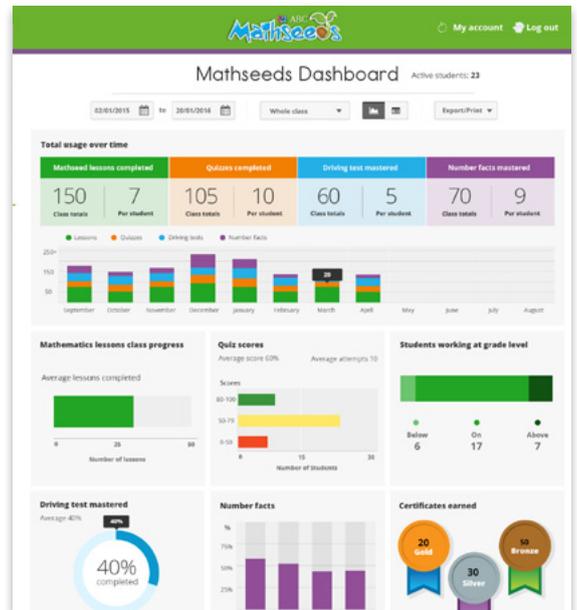
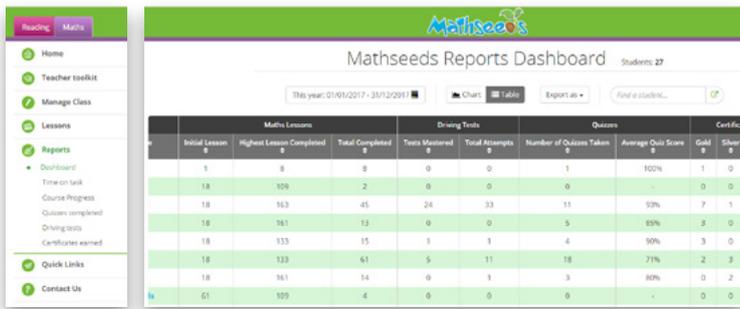
Targeted Questioning

- Question sets increase in difficulty level to challenge students. This format helps students prepare for standardised national tests.
- Audio support is provided for all questions.

Improve Outcomes

Students are motivated, excited and challenged to make real, measurable progress

- ✓ With sequential lessons, students begin at a level that matches their ability and make progress during every Mathseeds session.
- ✓ The comprehensive lessons at each year level cover content strands: Number and Algebra, Measurement and Geometry, and Statistics and Probability.



Results and Reporting

- ✓ Get **instant feedback** on student growth and achievements with automated assessment and reporting.
- ✓ A **comprehensive suite of reports** track and monitor student growth over time as well as provide detailed data to teachers and schools.

Teacher Toolkit for Blended Teaching and Learning

Preview Lessons



Teacher 2 - page PDF to help teach and reinforce each of the Mathseeds Lessons
Student 4 - page PDF with printable practice pages!

Posters



100+ full colour posters to help reinforce maths concepts.

Targeting Maths



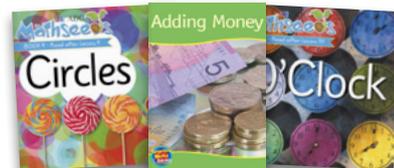
The Targeting Maths Lower Primary series are available as downloadable PDF units.

Exploring Maths



Designed to utilise the way students construct their own understanding, the best-selling Exploring Maths series by Bev Dunbar will help encourage your students to use and understand mathematics in their everyday lives.

Big Books



The Mathseeds Big Books area contains all your maths literacy resources in one click. With nearly 300 online books for K – 2 there are a wide range of books to choose from.



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