Parent guide

What is Magma Maths and how is it used?

This guide is designed to help you understand how Magma Maths works and how you can support your child in their math learning experience.

What is Magma Maths?

Magma Maths is a digital platform that helps pupils develop deep understanding in maths by focusing on their thinking, not just their final answers.

See How Pupils Think

Magma captures each step of a pupil's solution, giving teachers insight into how they approach problems. This helps identify misunderstandings early and provide more targeted support.

Build Real Understanding

By comparing different pupil solutions, teachers can spark class discussions and highlight useful strategies, turning maths into a subject of exploration, not just memorisation.

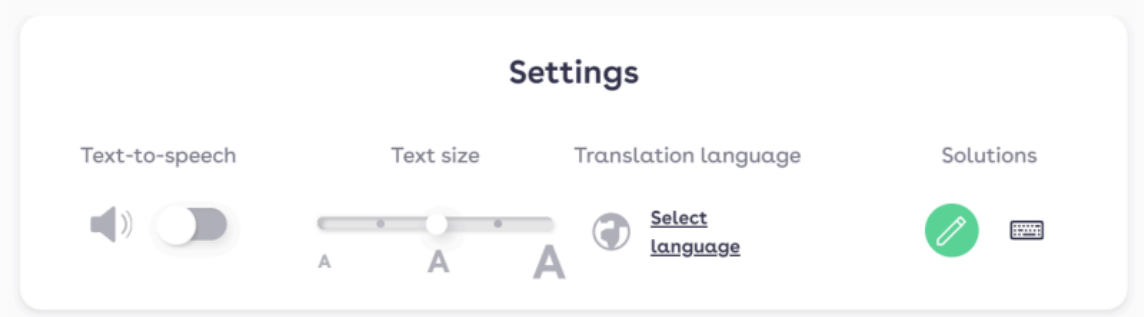
Personalised and Flexible Practice

With thousands of curriculum-aligned problems at three difficulty levels, Magma Maths makes it easy for teachers to tailor practice to each pupil's needs, whether they need a challenge or extra support.

🌟 Personalising the Learning Experience

Magma Maths allows your child to personalise their experience to make learning more comfortable and engaging. Here's what can be adjusted:

- **Language Preferences:** Your child can choose the language they feel most comfortable with.
- **Text Size:** Adjust the text size to make reading easier.
- **Text-to-Speech:** This feature can be turned on so problems can be read aloud, helping those who benefit from auditory learning.
- **Submission Method:** Your child can choose how to submit their solutions—either by typing or using a touchscreen, depending on what works best for them.



📝 Understanding Assignments and Quizzes

When your child logs into Magma Maths, they will see assignments or quizzes that help them practise and improve their maths skills. These are presented on a canvas where they can show their work, which may include:

- **Solving Problems:** Your child can use the tools provided (like a pencil, eraser, and figures) to illustrate their work and solve problems.
- **Manipulatives:** These virtual tools (such as a pencil and geometric figures) are available on the screen to help your child visualise maths concepts.

🔥 Tracking Progress and Understanding Results

Magma Maths gives teachers and parents valuable insights into your child's progress through features like the Heatmap. Here's how it works:

- **Green:** Your child got the problem right on the first try.
- **Yellow:** They got it right after a couple of attempts.
- **Red:** The answer was incorrect.

This feedback helps identify areas where your child might need extra support and shows how they are progressing over time.