

Data protection, AI and accessibility

Magma Maths for UK schools

This document summarises the questions schools most often ask before choosing Magma Maths: how it connects to school systems, accessibility, how AI features handle pupil data, how long data is kept, our position on the DfE generative AI product safety standards, and how AI can be switched off. Full detail is in our Data Processing Agreement, Privacy Policy and Accessibility Conformance Report.

Radish Education UK Ltd, trading as Magma Maths · October 2026

1 LMS integrations (Google Classroom, Microsoft Teams)

In the UK, Magma Maths connects to a school's systems through sign-in and class lists.

- **Sign-in:** pupils and staff sign in with their school Google, Microsoft or MyLogin account (single sign-on), or with a username and password. Pupils can also sign in with a QR code.
- **Class lists:** classes sync daily from the school's MIS through Wonde, so enrolment changes appear without manual uploads. Schools that do not use Wonde send class lists on our CSV templates and we upload them.
- **Getting work to pupils:** teachers can share an assignment with pupils as a link, which can be posted in Google Classroom.

See: [Class lists in Magma Maths](#) · [Teacher start guide](#)

2 Offline use and poor connections

- Magma Maths is a cloud service and needs an internet connection to load assignments and send work to the teacher.

3 WCAG and accessibility

- Magma Maths works to **WCAG 2.2 Level AA**. Our Accessibility Conformance Report (VPAT 2.5, WCAG edition, September 2026) is a self-assessment and covers every Level A and AA criterion.
- All applicable criteria are rated **Supports**, except two rated Partially Supports: 1.3.2 Meaningful Sequence (reading order in the administrative and reporting screens) and 1.4.11 Non-text Contrast (a few components such as assignment cards). No criterion is rated Does Not Support.

4 AI and pupil data (Google)

Google (Gemini) is our only AI provider, with processing in the same region as our hosting, in the EU.

What is sent	The pupil's answer and working, and information about the question. Names, usernames, email addresses, school names and account identifiers are removed before anything is sent.
Handwritten working	Handwriting is converted into mathematical expressions inside Magma Maths. Images of handwriting are not sent. If a pupil uploads a photo of written work, that photo is sent so the work can be read. If a pupil records a spoken explanation, the recording is sent to be turned into text.
What it is used for	Formative feedback on the pupil's mathematical reasoning, including Lava's hints. The AI does not set grades or make decisions about pupils; teachers review and act on all work.
Is it stored	Google does not retain the data. Magma Maths keeps records of AI requests and responses for up to 90 days, to find faults and improve the feedback, then deletes them automatically.

Model training	No. Our agreement with Google prohibits using the data to train AI models, and Magma Maths does not train models on pupil data.
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5 Data retention and contract end

Data	Retention
Pupil and staff data (names, usernames, classes, answers and work)	Deleted within 30 days of contract end or account removal
Encrypted backups	Deleted within 30 days of contract end, as backups rotate
Application logs, and AI requests and responses	Deleted automatically within 90 days
Support conversations (staff only)	24 months after last activity; pupil details removed when the case closes

- **At contract end** the school chooses whether we return its data in a structured, machine-readable format, delete it, or both. Schools can also export pupil and class data themselves at any time (CSV or XLS).

6 DfE Generative AI: product safety standards

Our position against the DfE standards (January 2026) is written into our data processing agreement with every school (section 15, “AI Safety and Instructional Standards”). The main points by standard:

DfE standard	Magma Maths
Filtering	AI output is filtered before it reaches pupils. If content is blocked, the pupil sees an age-appropriate message. Lava answers only about the assigned problem; it is not an open chatbot.
Cognitive development	Lava gives hints, not full answers, and only after the pupil has made an attempt. Teachers can switch hints off per assignment (section 7).
Emotional and social development	The AI does not present itself as a person: AI content is clearly identified and avoids first-person language. There is no pupil-to-pupil chat.
Mental health	Lava is not a chat: pupils cannot type messages to it, so it is not a channel for disclosures, and its output is limited to the maths task. Teachers see all pupil work and every hint. Any concern our staff become aware of is passed to the school's Designated Safeguarding Lead the same business day, under our Mental Health Crisis Response Protocol.
Manipulation	No sycophancy, flattery, negative emotional stimulation or other persuasive techniques to drive engagement. No advertising.
Decisions about pupils	Formative feedback only. No automated decisions within UK GDPR Article 22, including on grading or attainment.

7 Can Lava and AI be switched off?

Yes, at three levels:

- **Teacher, per assignment:** a Lava on/off toggle when creating or editing an assignment. The teacher's choice carries over to their next assignments. Lava is off by default for EYFS and Key Stage 1 and on for other year groups.
- **Teacher, per class:** voice recording can be switched off.
- **School or trust:** all AI features can be switched off for every user in the organisation, at any time.

With AI off, the platform still works: teachers set work, see pupils' working live and give feedback.

See: [Turning Lava on and off in assignments](#)