



TEACHER QUICK START GUIDE

Get your first Magma lesson running then build the routines that make it useful every week.



magma



HOW TO USE THIS GUIDE

This guide is split into three main parts plus a glossary and further learning. Start with **Get Ready** to set up what you need. Then use **Teach Lesson #1** to get your first Magma lesson running. Once you're comfortable, move on to **After the Lesson** to explore the tools that help you get more from Magma day to day.

This guide complements your Magma **onboarding**. Ask your school for the date, or [book an open session here](#) if you can't attend or missed it.

1

Get Ready

Log in, set up your class, create one assignment.

2

Teach lesson #1

Use Launch, pupils work, watch the Heatmap.

3

Make Magma Work for You

Add live controls, discussion, Stats, Practice and Progress.

You don't need to learn everything at once!

Words shown in **green** are explained in the glossary, and each section includes a **Help Centre** [↗](#) link if you want full step-by-step instructions. Use this guide digitally for clickable links. If printed, search the guide name in our Help Centre.

IF YOU GET STUCK

You can also reach us through the **orange chat icon** during school hours, email hello@magmamaths or use our Help Centre.



[Open the Help Centre](#) [↗](#)



Get Ready

Set up what you need to teach the first lesson.





Log in with your school account

Most schools use **SSO**. Choose the login method your school has been set up to use.

1

Open Magma

Go to the Magma sign-in page.
magmamath.com/uk/signin

2

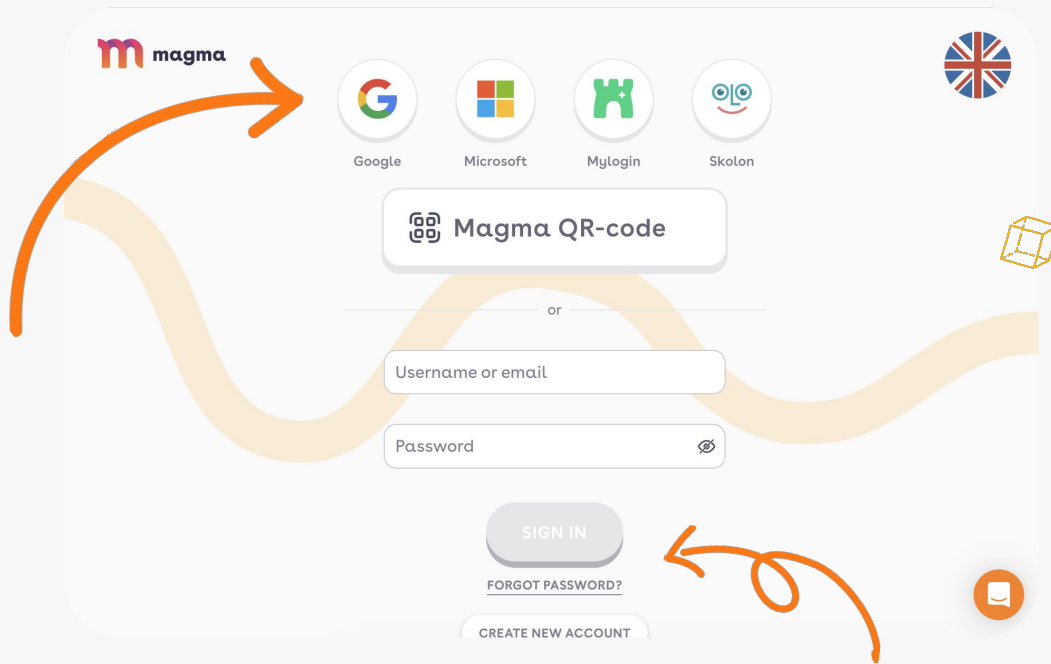
Choose your SSO

Google, Microsoft, Mylogin or Skolon.

3

Use your school account

Your account and school access should already be linked.



If your school does not use SSO click 'Forgot Password' to set/reset your password. We'll then send you an email with the steps!



Find, make or follow your class

There are a few ways your schools could be set up.

1. Sync (via Wonde or Skolon)
2. Uploaded Classlists
3. Manual

Go to the classes tab.

If the cards say 'from Wonde/ Skolon' you are on a **sync**, meaning we link with your **MIS** to keep your classes up to date. Any changes made in your school's MIS will sync into Magma each night.

If it says 'from Import' we've uploaded your classes for you.

No classes? You can create your own by clicking new class and either adding pupils manually or sending us a class list. [Click here for a class list template.](#)

STAY ORGANISED!

Click the star to favourite the classes you use most so they stay at the top of your lists.

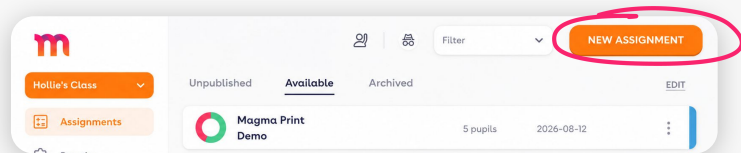
You can **create groups** inside a class for intervention, support or stretch. Then assign different questions without splitting your class workflow.

Create your first assignment

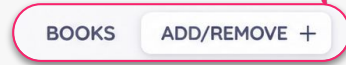
The first time, you'll set up your **bookcase** as you go. Choose the books and resources you actually teach from so assignment creation is faster.

1 Start from Assignments

Click **new assignment** from your assignments list.

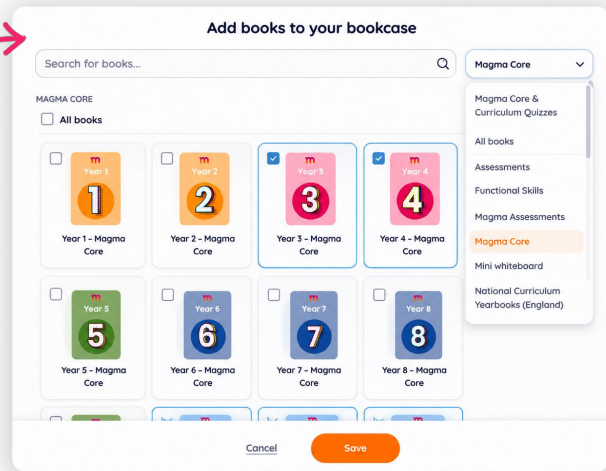


2 Set up your bookcase



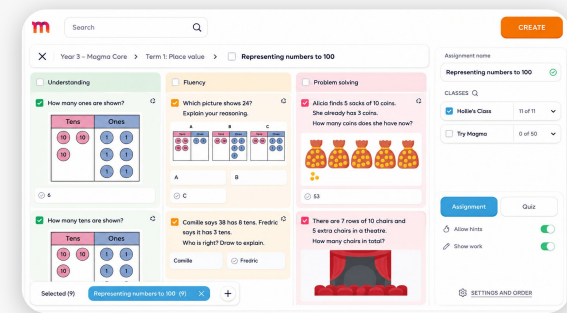
Choose Add/Remove to select the books and resources you teach from.

Keep it simple for week one, you can always add more later.



3 Choose your content

Pick your **Book** → **Chapter** → **Subchapter**, then select the questions you want.



WHAT BOOK SHOULD I FOLLOW?

Magma Core follows the scope and sequence of popular schemes

Not sure what content is right for you? Reach out and let us know which scope and sequence you use and we can advise.



Finish and send your assignment

Set how pupils will work, then choose who should receive it.

4 Set your settings

Choose **Assignment** or **Quiz** and adjust the settings you need.

Reorder questions if useful.

PROBLEMS 9 problems

Settings Reorder problems

Assignment Quiz

Allow hints ☒

Show work ☒

Publish Now

Allow answer checking ☒

Attempts Unlimited

Require unit ☐

Formula sheet

Calculator Off

Selected (9) Representing numbers to 100 (9)

5 Choose who to assign to

Send to your whole class, a group, or select individual pupils.

CLASSES

☒ Hollie's Class 11 of 11

Hollie's Class

GROUPS

☐ Blue Table

☐ Bumblebees

☒ Lava Group

☐ Magma

☐ Orange

☐ Red

PUPILS

☐ All pupils

☒ Amaya Strand

☐ Ava Trost

☒ Callum Jackson

PEDAGOGY TIP

Use groups to differentiate easily when creating assignments for different learners.

Show pupils how to log in and get started

Choose one route and make it routine. QR code login is especially useful for younger pupils or shared devices.

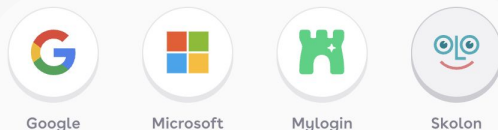
Single Sign-On

1 Open Magma

Use the app on iPad, or a browser on other devices.

2 Choose your school's SSO

Google, Microsoft, Mylogin or Skolon.



 Magma QR-code

or

Username or email

Password

QR CODE

1 Print pupils' QR codes

From your class pupil list.

2 Scan at sign-in

Select Magma QR code and hold the code up to the camera.

[Help Centre: Log in with a QR Code](#)

Username & Password

Usernames can be found in the class list, and passwords can be reset for the whole class or individual pupils.



Pupil experience

Everything pupils need, in one workspace.

Pupils have an infinite canvas to show their thinking, draw diagrams and work through problems before submitting an answer.

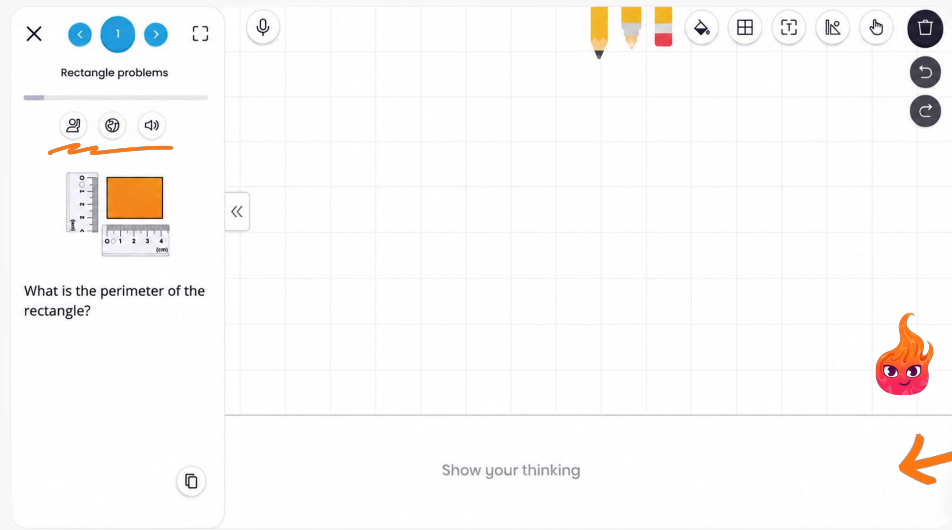
Record your voice
Pupils can explain thinking with a voice note.

Digital manipulatives
Virtual tools to model and show thinking.

Text-to-speech
Listen to the question read aloud.

Translate
Translate the question into 140 languages.

Raise hand
Let your teacher know when you need help.



Infinite canvas
Write, draw and work anywhere. It's limitless!

Lava
Get formative feedback based on your work.

Submit your answer
Enter your final answer here once you've shown your thinking.



Introduce Magma to your Pupils

Use this short pupil demo to show your class how Magma works before their first lesson.

[Watch Demo Video >](#)

watch



Teach Lesson #1



Launch the lesson, monitor understanding, then notice
and discuss the maths.



Launch the lesson



Start together before pupils work independently. **Launch** is full of tools to help you get your lesson started.

1 Key vocabulary

Check the language pupils need before they start.

2 Example problems

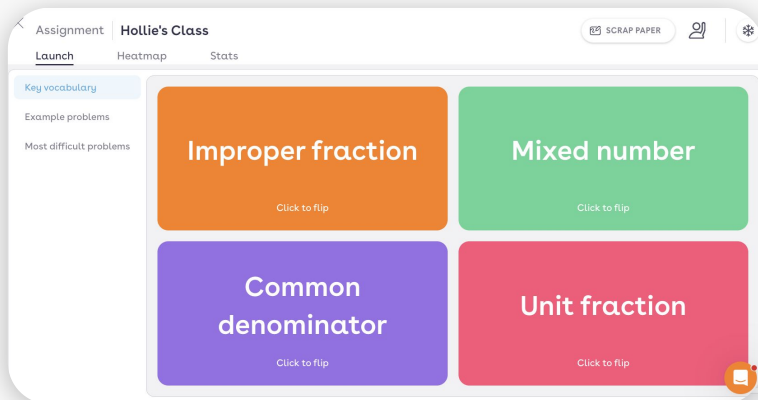
Model one or two questions together using **Scrap Paper**.

3 Most difficult problems

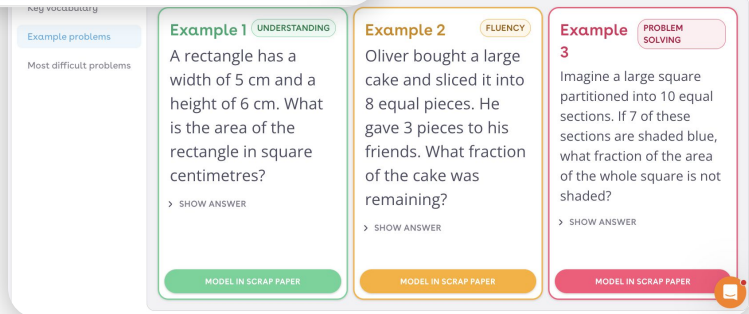
Preview likely sticking points before pupils work.

PEDAGOGY TIP

Use 2–5 minutes here. Model the idea, then release pupils to work independently.



[Help Centre: Launch Tab](#)





Monitor with the Heatmap

See understanding develop while pupils work.

GREEN

Correct first try

AMBER

More than one attempt

RED

Incorrect -(No correct answer yet...)



Peeked at the answer*



Used **Lava** to help*

Allow hints



Show work



Publish

Now

Allow answer checking



*Hints and answer checking can be turned off in **Assignment** settings. In **Quiz mode**, both are always disabled.

[Help Centre: The Heatmap](#)



WHAT TO LOOK FOR

A vertical pattern may need whole-class attention. A horizontal pattern may mean one pupil needs support.



[Help Centre: The Heatmap - Get an Instant Overview of Your Pupils' Results](#)

Monitor individual pupils

Click a pupil's name to view their performance and solutions for this assignment.

< Assignment > **Hollie's Class**
Heatmap > **Louis Hurst**

1



Faith and Joe made 10 muffins.
Faith ate 3 of the muffins.
What fraction of the muffins did she eat?

> CORRECT ANSWER SOLVE

TOPIC: Fractions

2

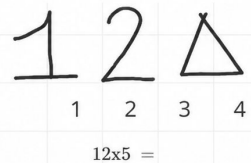


Bonita bought a pizza and divided it into six equal parts. She ate two pieces.
What fraction of the pizza was left?

> CORRECT ANSWER SOLVE

TOPIC: Operations on Fractions

Louis Hurst



12x5 = $\frac{3}{10}$

< Attempt 1 of 1 > Answer: $\frac{3}{10}$

Louis Hurst

< Attempt 1 of 1 > Answer: $\frac{4}{6}$

PUPILS	1 100%	2 91%
Louis Hurst	100% (11/11)	
Zara Wyatt	91% (10/11)	
Nia Sweeney	91% (10/11)	2
Ava Trost	82% (9/11)	
Jamal Pickford	82% (9/11)	
Mia Johnson	82% (9/11)	2
Amaya Strand	82% (9/11)	2
Hanna Walker	73% (8/11)	
Callum Jackson	64% (7/11)	
Luca Page	27% (3/11)	3
William Herd	36% (4/11)	2 1
Hollie Herd		1

We can help generate a summary for how Louis Hurst performed in this assignment.

[VIEW PUPIL SUMMARY](#)

GENERATE PUPIL SUMMARY

View Pupil Summary gives you an at-a-glance overview of a pupil's performance on the assignment.

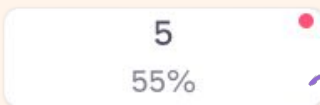


Discuss the maths

Click a question on the Heatmap to see **everyone's solutions** in one place.

Spot common errors & good solutions

On the **Heatmap**, red dots flag **common errors** or misconceptions worth discussing, while green dots highlight **good solutions** to share.



Start a Discussion

Select **solutions** to compare. Ask pupils what they notice, what's different and which approaches are most efficient.

Assignment | Hollie's Class

Heatmap > Problem 5

LIVE ACTIVITY

5

Lindsey and Hillary are eating cake at a party. Lindsey eats $\frac{1}{11}$ of the cake, and Hillary eats $\frac{1}{12}$. What share of the cake have they eaten altogether?

CORRECT ANSWER SOLVE

TOPIC: Operations on Fractions

Common error ⓘ

$\frac{23}{132}$ ⓘ 4

START DISCUSSION

Students' Solutions:

- Louis Hurst:** $\frac{1}{11} + \frac{1}{12} = \frac{1 \times 12}{11 \times 12} + \frac{1 \times 11}{12 \times 11} = \frac{12}{132} + \frac{11}{132} = \frac{23}{132}$
- Zara Wyatt:** $\frac{1}{11} + \frac{1}{12} = \frac{12}{11 \times 12} + \frac{11}{11 \times 12} = \frac{23}{132}$
- Nia Sweeney:** Lindsey eats $\frac{1}{11}$ of the cake, and Hillary eats $\frac{1}{12}$. What share of the cake have they eaten altogether?
- Ava Tröst:** Lindsey = $\frac{1}{11}$, Hillary = $\frac{1}{12}$. Together = $\frac{1}{11} + \frac{1}{12} = \frac{11 + 12}{11 \times 12} = \frac{23}{132}$

Model Together

Use **solve** to model the question on the board.

Pin Solutions

Pin useful solutions as pupils work so they're ready to share and discuss. Then filter by clicking the pin icon at the top of the screen.



Sharing on the board?

Anonymise pupil's names and hide results using the detective and tick



Look closely at a solution

Click a solution card to explore how that pupil worked through the question

Assignment

Hollie's Class

LIVE ACTIVITY

1

101

*

3

🔍

🔄

Heatmap

> Problem 5

> Louis Hurst

<

5

>

Lindsey and Hillary are eating cake at a party. Lindsey eats $\frac{1}{11}$ of the cake, and Hillary eats $\frac{1}{12}$. What share of the cake have they eaten altogether?

> CORRECT ANSWER

SOLVE

TOPIC

Operations on Fractions

1

Louis Hurst

>

🔄

🔍

$$\frac{1}{11} + \frac{1}{12} =$$

$$\frac{1 \times 12}{11 \times 12} + \frac{1 \times 11}{12 \times 11} =$$

$$\frac{12}{132} + \frac{11}{132} =$$

$$\frac{23}{132}$$

< Attempt 1 of 1 >

Answer: $\frac{23}{132}$

2x

⏮

⏪

⏩

⏭

PLAY

⏮

🕒 57 SEC

| 08 MAR 2024 09:48:07 AM

See their thinking

View the pupil's full working, final answer and attempts for this question.

Play it back

Replay their solution to see how their thinking developed step by step.

View multiple attempts

Flick through earlier attempts to see how their approach changed before reaching the final answer.

PEDAGOGY TIP

Pause the playback part-way through. Ask: **“What do you think they’ll do next?”**



Shape the lesson

Use live controls on the heatmap to bring pupils together or control what they work on next.

LIVE ACTIVITY



Pace pupils

Deselect problems below to restrict pupil access and control their pace. Select all to give full access again.

PROBLEMS

- ☒ All problems
- ☒ Problem 1
- ☒ Problem 2
- ☒ Problem 3
- ☒ Problem 4

CANCEL

SAVE

Pace

Control what comes next

Control which problems pupils can access. Great for I do → We do → You do, or a hinge point before releasing the next set.

Three ideas for how to use Pace

1

I do → We do → You do

Release questions as responsibility shifts.

2

Hinge point Question

Pause before the next set until you're confident pupils are ready.

3

Tricky Question

Hold the class at a question worth revisiting together.



Freeze pupil screens

Pupil screens will be frozen for 15 minutes. They can't work while their screen is frozen, but you can unfreeze them anytime.

CANCEL

FREEZE

Freeze

Bring everyone back together

Pause pupil screens when you want everyone's attention on the same idea.

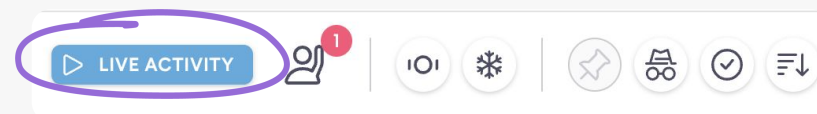
Use it to discuss a misconception, revisit a tricky question or model something together.



Build momentum with

Live Activity

Turn independent practice into a shared class experience.



EXIT Live Activity

Good calculations

0 8 4

Sergey Yaroshuk

Iryna Zapylaieva

Amy Abdelsayed

Fredrika Rodell

Oskar Wójcikiewicz

Iryna Zapylaieva

Assignment problems

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

WORK INDEPENDENTLY

Pupils keep solving questions on their own devices.

REACH MILESTONES

The class works towards shared milestones as they progress.

CELEBRATE GOOD THINKING

Good calculations appear on the board, with GIFs and sounds celebrating success.

GREAT FOR

Independent practice when you want the room focused, purposeful and energised.





After the Lesson



Use what you've learned to decide what comes next.

Now you know the basics. Discover the tools that help you adapt lessons, respond to pupil thinking and make Magma part of your everyday teaching.





Understand what pupils know



Overview **Expanded**

PUPILS	Fractions 76%	Operations on Fractions 67%
Louis Hurst	Green	Green
Zara Wyatt	Green	Green
Nia Sweeney	Green	Yellow
Ava Trast	Green	Green
Jamal Pickford	Green	Green
Mia Johnson	Green	Yellow
Amaya Strand	Green	Yellow
Hanna Walker	Green	Yellow
Callum Jackson	Yellow	Yellow
Luca Page	Yellow	Yellow

SEE THE BIG PICTURE

View how the class performed across the skills covered in the assignment.

DRILL INTO SKILLS

Expand a strand to see which specific skills are secure and which need more work.

COMPARE PUPILS

Switch to Expanded view to see how individual pupils performed against each skill.

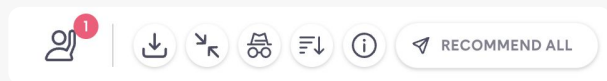
TEACHER MOVE

Look for patterns, not just percentages. Decide whether to reteach, practise or extend.



Respond with Practice Cards

Practice Cards automatically generate questions around specific skills and gaps. Recommend them directly from an assignment's **Stats**, or choose skills from Practice on your main dashboard.



PRACTICE CARDS

Pupils work independently on targeted skills, retry questions and build their understanding over time.

RECOMMEND ALL

Use Recommend All to quickly recommend standards to pupils who scored below the threshold on that standard.

TEACHER RECOMMENDATIONS

Recommend a skill directly from **Stats** when you spot a gap. It will appear in the pupil's Practice area.

What pupils see

1 Find their Practice Card

Recommended skills appear in the pupil's Practice area.

2 Practise the skill

Questions are generated automatically so pupils can keep practising.

3 Build confidence

Pupils retry the skill and build up stars as they practise.



Magma at a glance

A quick glossary for the main terms in this guide.

Term	Definition
Assignment	A set of questions sent to pupils, with settings you can adjust for how they work.
Attempt	One submitted response to a problem. Pupils can make multiple attempts where allowed.
Bookcase	The books and resources you choose to teach from in Magma.
Class list	The pupils who belong to a class in Magma.
Digital manipulatives	Virtual maths tools pupils can use to model and show their thinking.
Expanded view	A Stats view showing performance by pupil across standards and skills.
Freeze	A live control that temporarily pauses pupil screens so you can bring the class back together.
Good calculation	A correct method or piece of reasoning shown in a pupil's work.
Group	A smaller set of pupils within a class, used to assign different questions for support or stretch.
Heatmap	A live view of pupil responses, attempts and patterns across an assignment.
Lava	Magma's pupil support tool that gives formative feedback based on their work.
Launch	The part of an assignment used to introduce vocabulary, model examples and preview difficult problems before pupils work independently.
Live Activity	A board display where pupils work towards milestones and good calculations are celebrated with GIFs and music.
Magma Core	Magma content organised to follow the scope and sequence of popular schemes.

Term	Definition
MIS	Your school's Management Information System, which can be used to keep class information up to date in Magma.
Misconception	A common error or misunderstanding identified in pupil work that may be useful to review together.
Onboarding	A guided introduction to Magma with a member of the Magma team.
Pace	A live control that lets you choose which problems pupils can access during an assignment.
Practice Cards	Automatically generated questions for independent practice linked to particular skills or learning gaps.
Progress	A longer-term view of pupil and class performance across standards and skills.
Pupil Profile	A view of an individual pupil's progress, activity and learning history.
Pupil Summary	An automatically generated overview of how a pupil performed on an assignment.
Quiz	An assessment-style assignment in which hints and answer checking cannot be enabled.
Recommend	Sends targeted Practice Cards to pupils based on a skill you want them to practise.
Recommend All	Recommends targeted practice to pupils who need more work on a standard or skill.
Scrap Paper	A workspace used to model and work through problems together during Launch.
Skill	A specific area of mathematical learning within a standard.
Solution	The working a pupil has shown when solving a problem, not just their submitted answer.
SSO	Single Sign-On: logging into Magma using an existing school account, such as Google or Microsoft.
Standard	A broader area of mathematical learning used to organise and track performance.
Stats	A view of performance by standard and skill after an assignment.
Sync	An automatic connection that keeps class information in Magma updated from your school system.



Keep learning

Use Academy, live sessions and school support to make the most of Magma.





Choose the support that **fits your team**

Self-paced learning, live sessions and private school sessions all help teachers move from first lesson to confident routines.

Magma Academy

Self-paced learning for teachers who want to build confidence.

Become a Magma certified teacher (and soon, an accredited teacher but... shh, that's a secret

[Open Academy ↗](#)

Live sessions

Join an onboarding, refresher or deep dive session and learn alongside other teachers.

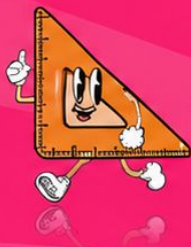
[See live sessions ↗](#)

Private school session

Get your colleagues together and ask your Success Manager to run a session for your whole school.

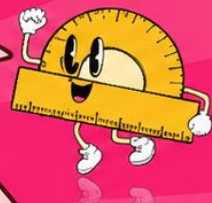
Email us to arrange a time. *The most convenient times fill fast so reach out in advance to book in!*

[**hello@magamaths.co.uk**](mailto:hello@magamaths.co.uk)



Solution Comp 26/27

Dates Coming Soon



Get ready for the **Solutions Competition!** 🎉

Challenge your class to rack up **Good Calculations**, with every pupil contributing to the class total.

Top classes can win brilliant prizes.

Previous rewards have included gift cards, cinema trips and even a trip to Sweden!

Dates for 26/27 coming soon.