

Beat the Traps: a guide for teachers

How to set up your class, set homework, and see what your students have done.

10 October 2026 · The screens shown use an invented school and invented students.

Each module teaches the mistakes Edexcel examiners report year after year — the traps — and how to avoid them. Every module has theory cards, a quick warm-up, the traps and Exam Ready questions.

1 Signing in

Your invitation arrives by email. The link lets you choose a password of at least 8 characters. It works once and lasts 14 days. If it has run out, ask a colleague to send you a new one from Manage → Teachers, or email hello@sakatismaths.co.uk.

After that, sign in at **app.sakatismaths.co.uk** with your email address. You stay signed in for a day. It works on a phone, a tablet or a laptop.

Your invitation link

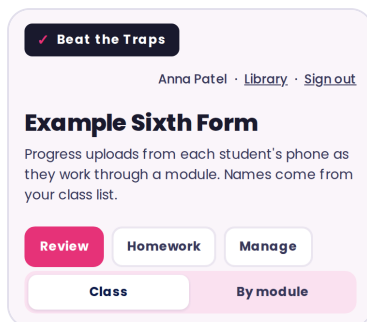
Signing in

2 Finding your way round

Every teacher page has three tabs:

- **Review:** what your students have done. You land here when you sign in.
- **Homework:** set homework and see who has finished it.
- **Manage:** your students, and the other teachers at your school.

At the top, **Library** opens the students' library in a new tab, so you can see exactly what they see.



The three tabs, with Library at the top

3 Before students start

Tell your students that the school has arranged Beat the Traps and that you can see their progress, including the answers they choose. Tell them not to share their sign-in. The licence asks the school to do both.

4 Adding students

1. Manage → Students → **Add students**.
2. Paste your class list, one student per line: first name, then surname. To put a student in a group, add a comma and the group, for example "Amara Okafor, 12A".
3. Tap **Check the list** and correct anything that needs it.
4. Tap **Create accounts**.

Each student gets a username and a starting password, shown once on printable slips. Print or copy them before you leave the page. At their first sign-in, students choose their own password. Students never need an email address.

The left screenshot shows the 'Add students' screen. At the top, there's a 'Beat the Traps' header with a checkmark. Below it, the user is logged in as 'Anna Patel' with links for 'Library' and 'Sign out'. The main title is 'Example Sixth Form' with a note 'Access ends 4 September 2027.'. There are three tabs: 'Review', 'Homework', and 'Manage'. Below these are two buttons: 'Students' and 'Teachers'. The 'Add students' section has a text area for pasting a class list. The pasted list contains: 'Amara Okafor, 12A', 'Tomasz Nowak, 12A', 'Priya Raman, 12B', and 'Sam Ward, 12B'. Below the text area, there's a note: 'One student per line: first name, then surname. To set a teaching group, put it after a comma.' and a 'Check the list' button.

The right screenshot shows the printable slips. At the top, a yellow box says 'These starting passwords are shown once. Print or copy them now.' Below this are two student slips. The first slip is for 'Amara Okafor' with username 'exam7-aokaf' and starting password 'maple-7-kite'. The second slip is for 'Tomasz Nowak' with username 'exam7-tnowa' and starting password 'river-4-drum'. Both slips include the sign-in URL 'Sign in at appsakatismaths.co.uk. You will choose your own password the first time.' At the bottom, there are two buttons: 'Print slips' and 'Back to the class'.

Paste a class list

The slips, shown once

5 Looking after students

Each student has three buttons:

- **Edit**: correct a name or change their group. Their username stays the same. A student moved to a new group sees that group's homework straight away.
- **Reset password**: gives you a new starting-password slip. Their old password stops working.
- **Archive**: for a student who leaves. They can't sign in and their seat is freed, but their work is kept. **Restore** brings them back.

The card at the top shows how many seats are in use. There's no charge for a small overrun. If you're near your limit, archive leavers or email us to move up a band. With two or more groups, a **Group** filter shows one group at a time.

The image shows two side-by-side screenshots of a web application interface. The left screenshot is the 'Manage' page for 'Example Sixth Form'. It features a top bar with 'Beat the Traps', user 'Anna Patel', and links for 'Library' and 'Sign out'. Below this is a section for 'Example Sixth Form' with 'Access ends 4 September 2027'. There are three buttons: 'Review', 'Homework', and 'Manage' (highlighted in pink). Below these are tabs for 'Students' and 'Teachers'. A progress bar shows '9 of 30 seats in use' with a note 'Room for 21 more'. An 'Add students' button is present with instructions to 'Paste a class list. Each student gets a username and a starting password.' At the bottom, there's a 'Group' filter set to 'All groups' and a preview of a student 'Amara Okafor' with username 'exam7-aokaf' and group '12A'. The right screenshot is a modal form for editing a student. It shows the student's name 'Amara Okafor', username 'exam7-aokaf', and group '12A'. It includes fields for 'First name' (Amara) and 'Surname' (Okafor), a note about username consistency, and a 'Group' dropdown menu set to '12A'. It also has a note about homework visibility and 'Save' and 'Cancel' buttons.

✓ Beat the Traps Anna Patel · Library · Sign out

Example Sixth Form
Access ends 4 September 2027.

Review Homework **Manage**

Students Teachers

9 of 30 seats in use
Room for 21 more.

Add students
Paste a class list. Each student gets a username and a starting password.

Group All groups

Amara Okafor
Username exam7-aokaf Group 12A

Amara Okafor
Username exam7-aokaf Group 12A
Last sign-in 19 Sept

First name
Amara

Surname
Okafor

Their username stays the same, so they sign in as before.

Group
12A

They see the new group's homework straight away.

Save Cancel

Edit: names and group together

Manage → Students

6 Adding other teachers

Any teacher can add a colleague, with no limit and no charge.

1. Manage → Teachers → **Add a teacher**.
2. Type their name and school email address.
3. We email them a link to set their password. It lasts 14 days. The link also appears on your screen once, in case the email doesn't arrive.

On the Teachers list:

- **Send a new invitation:** for a link that was never used or has expired.
- **Reset password:** we email them a link to choose a new password, and their old one stops working.
- **Archive:** for a colleague who leaves. Their students, homework and progress are not affected.
- **Change password:** on your own card.

You can't archive yourself, and your school always keeps one teacher who can sign in. Please add only your own school's staff, and archive anyone who leaves.

The screenshot shows the 'Teachers' tab in a management interface. It features a list of teachers with their names, email addresses, and last sign-in dates. Each teacher has a 'Change password' button. Ruth Ellery's card also has 'Send a new invitation' and 'Archive' buttons. Helen Park's card is marked as 'ARCHIVED' and has a 'Restore' button. A modal is open on the right, showing a message about emailing Ruth Ellery a link to set their password, along with the link itself and a 'Copy the link' button.

Teachers

Add a teacher

We'll email them a link to set their password. It lasts 14 days.

Anna Patel **you**
Email a.patel@example.sch.uk
Last sign-in 10 Oct
Change password

Dan Moss
Email d.moss@example.sch.uk
Last sign-in 8 Oct
Reset password Archive

Ruth Ellery
Email r.ellery@example.sch.uk
Invitation sent, not used yet
Send a new invitation Archive

Helen Park **ARCHIVED**
Email h.park@example.sch.uk Last sign-in 1 Aug
Restore

We've emailed Ruth Ellery at r.ellery@example.sch.uk a link to set their password. It lasts 14 days. If it doesn't arrive, send them the link below yourself. It is only shown once.

<http://btt.test/set-password?token=Qm9vWlJ4c2hld2VwN2ZyVFhIZ0Nh>

Copy the link

The link, in case the email doesn't arrive

Manage → Teachers

7 Setting homework

1. Homework → **Set homework**.
2. Choose a module and a group, or **Students with no group**. **View homework** opens the module in a new tab, so you can look at it first.
3. Add dates if you want them. **Start date**: students see the homework from this date, so you can set a whole term at once. **Due date**: shown to students, and used to mark work late or overdue.

A homework is finished when the student has done the practice in every trap, whatever they scored. How many beat every trap, dropping at most one question in each, is counted beside it. Work done before you set it counts, so a student who has already done the module is ticked at once. Each module can be set once per group.

Students see homework at the top of their library, most pressing first, three at a time. It shows **Overdue** once the due date passes, and **✓ Finished** once they've done the practice in every trap.

The left screenshot shows the 'Set homework' form. It has a title 'Set homework', a 'Module' dropdown set to 'P5 · Trigonometry 1', a 'View homework' button, a 'Group' dropdown set to '12A', a 'Start date (optional)' field set to '19 Oct 2026', a 'Due date (optional)' field set to '23 Oct 2026', and two buttons at the bottom: 'Set homework' and 'Cancel'. Below the start date field, there is a small note: 'Students see it from this date. Leave it blank to show it now.'

The right screenshot shows the 'Your library' screen. It has a header '✓ Beat the Traps' and a 'Sign out' link. Below the header is a section 'Your library' with a description: 'Every trap is a mark real candidates dropped, found in the papers, the mark schemes and the examiner reports.' Below this is a 'HOMEWORK' section with three items: 'P1 Indices' (1 of 3 beaten, Due Wed 16 Sept, OVERDUE), 'P4 Circle Geometry' (3 traps, Due tomorrow), and 'P3 Inequalities & Set Notation' (1 of 5 beaten, Due Wed 23 Sept). At the bottom are two buttons: 'Show 1 more' and 'Show 1 finished'.

What a student sees

Set homework (on an iPhone the dates open a calendar)

8 Following homework

The Homework tab lists what's been set, with how many have finished, how many beat every trap, and how many are overdue. Homework that hasn't started yet folds away under **Show scheduled**.

Tap a homework to open it. Under its box is that module's review for the group, as in Review → By module, starting on By student. Under each name:

- **Finished**, with the date. **Late** means after the due date.
- **Overdue**: the due date has passed and they haven't finished.
- **Joined after the due date**: never marked late or overdue.

Summary shows the group's highlights and the traps to work on.

Change dates moves the start or due date. **Remove this homework** takes it off students' libraries. Their work is kept.

The screenshot displays the Homework app interface. On the left, the 'Homework' tab is active, showing a list of assignments. The first assignment is 'P2 - Quadratics' for Group 12A, due Tue 13 Oct, with 4 of 4 finished and 2 beat every trap. The second assignment is 'P1 - Indices' for Group 12B, due Mon 5 Oct, with 4 of 5 finished and 3 beat every trap, marked as '1 OVERDUE'. Below this is a 'SCHEDULED' section with 'P5 - Trigonometry 1' for Group 12A, starting Mon 19 Oct and due Fri 23 Oct. A 'Hide scheduled' button is at the bottom. On the right, the 'All homework' screen shows details for 'P1 - Indices' for Group 12B, started Mon 28 Sept, due Mon 5 Oct, set by Dan Moss on Sat 26 Sept. It shows 4 of 5 finished with a progress bar and 3 beat every trap. There are buttons for 'Change dates' and 'Remove this homework'. Below this is a 'Summary' section with a 'By student' tab. The student list shows Priya Raman (Finished 1 Oct, 3/3 traps, 7/8 warm-up), Jack Doyle (Finished 7 Oct, 3/3 traps, 7/8 warm-up, LATE), Sam Ward (Finished 1 Oct, 2/3 traps, 7/8 warm-up), Noor Hassan (Finished 1 Oct, 2/3 traps, 7/8 warm-up, OVERDUE), and Ellis Grant (Finished 1 Oct, 3/3 traps, 7/8 warm-up, Joined after the due date). A legend indicates green for 'beaten', orange for 'opened, not beaten', and grey for 'not opened'.

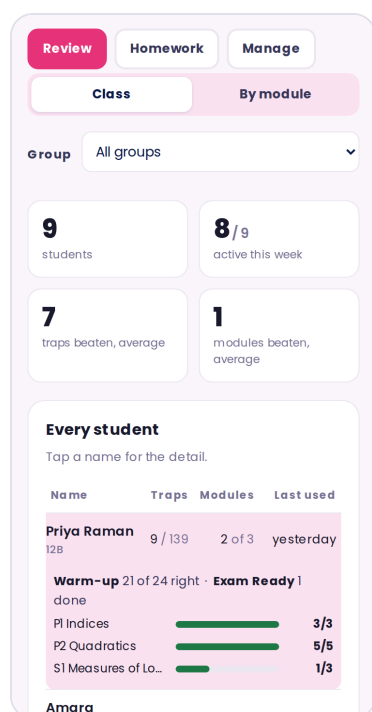
The Homework list

One homework opened

9 Review: your class

Review → **Class** shows how many students used Beat the Traps this week, and the class's average traps beaten and modules beaten.

Every student lists traps beaten, modules beaten, and when each student last used it. Tap a name to see their warm-up score, how many Exam Ready sets they've done, and each module they've opened.



Review → Class, with one name tapped

10 Review: one module

Review → **By module** → choose a module. **Summary** shows:

- how many students have opened the module and beaten every trap;
- the average warm-up score, and how many finished Exam Ready;
- the class's strongest trap and its **Traps to work on**.

Choose a trap to see the answer each student chose *first* on every practice question. That's where misconceptions show.

By student gives a square per trap: green beaten, amber opened but not yet beaten, grey not opened.

Class **By module**

Group: All groups

Module: P2 - Quadratics

Summary **By student**

Highlights

- 8/9** have opened it
- 4** have beaten every trap
- 6.5/8** warm-up, average right
- 3** finished Exam Ready

Strongest trap: Trap 1 - Set it to zero first, 92% right first time.

Traps to work on

The three weakest, by how much the class got right at the first attempt. Tap a trap to see its questions.

Trap 3 - Which root survives **33%**

7 of 21 answers right first time - 4 of 7 have beaten it

Both, because both satisfy the equation **5**

By module → Summary

Trap 3 - Which root survives

Trap 3 - Which root survives

4 of 7 beat this trap · 7 did the practice

Maya Chen **0/3** Leo Fraser **0/3**

Jack Doyle **1/3** Amara Okafor **2/3 was 1**

Tomasz Nowak **2/3**

Priya Raman **2/3 was 1** Sam Ward **2/3**

First answers only below, recorded before any retry. They show the misconception rather than the final score, so they will match or fall below the scores above, never exceed them. Some students here went back and improved.

Question 1 of 3

4 of 7 right first time

Solving the equation below with $u = \sqrt{x}$ gives $u = -6$ and $u = 4$. What is x ?

$$x + 2\sqrt{x} - 24 = 0$$

$x = 36$ and $x = 16$ **3**

$x = 36$ **0**

$x = -6$ and $x = 4$ **0**

✓ $x = 16$ **4**

A trap's first answers

Class **By module**

Group: All groups

Module: P2 - Quadratics

Summary **By student**

P2 - Quadratics

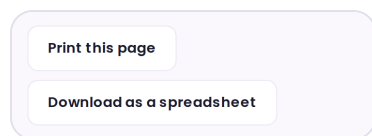
Name	Traps	Beaten	Warm-up	Exam
Amara Okafor	4 green	5/5	5/8 done	
Tomasz Nowak	4 green	5/5	6/8	-
Maya Chen	3 green, 1 amber	4/5	8/8	-
Leo Fraser	3 green, 1 amber	3/5	8/8	-

By module → By student

11 Downloading the spreadsheet

At the bottom of Review → Class, **Download as a spreadsheet** saves a file that opens in Excel, Numbers or Google Sheets. On an iPhone it goes to Files, in Downloads.

It has each student's name, modules beaten and opened, traps beaten and opened, warm-up score, Exam Ready, when they last used it, and traps beaten per module. It has no usernames, groups or chosen answers. This is your school's own copy; download it whenever you like. **Print this page** prints the screen.



Bottom of Review → Class

12 What your students see

Students sign in with their username. Progress saves on their phone as they go, so they can work without signal. It reaches your screens the next time they're online.

You see which traps they've beaten, their warm-up and practice scores, and the answer they chose first. You can't see their worked-example picks or their Exam Ready answers. If a student taps **Start again** on a module, its progress is cleared everywhere, including from your screens.

13 Using it in lessons

You may show any part of Beat the Traps on a board, work through a trap with a class, and set it as independent study. Please don't copy questions into worksheets or slides, or upload them to your VLE or a shared drive.

14 Quick answers

- **Forgotten student password:** Reset password, then give them the new slip.
- **Student has left:** Archive. It frees the seat.
- **Student in the wrong group:** Edit.
- **Homework ticked at once:** they'd already beaten every trap in that module.
- **Progress vanished from a module:** they probably tapped Start again.
- **Work not showing yet:** it uploads when their phone has signal. Ask them to open the library.
- **Forgotten your own password:** tap Forgotten your password? on the sign-in page and we'll email you a link.
- **When your access ends:** shown under your school's name on Manage.
- **Help:** hello@sakatismaths.co.uk. For personal information: privacy@sakatismaths.co.uk.

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