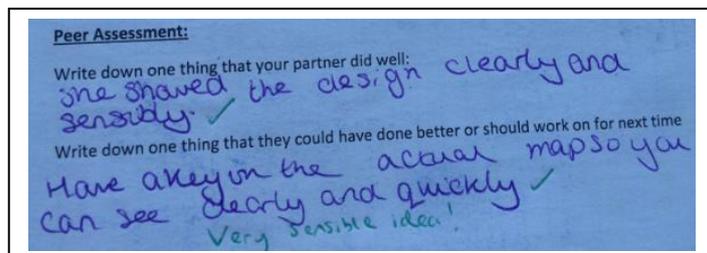


MATHEMATICS KS4

How do we assess at KS4?

In general:

During lessons teachers will give verbal and written feedback to students as part of an 'ongoing dialogue'. This sometimes involves the use of green pen, followed by a response from the student with their MRI pen.



Twice per half term students will have a piece of work marked with detailed Success and Next Steps given. These could be formal assessments, or pieces of classwork/homework.

Once per term students will have an assessment. These could include questions on any topics they have studied so far in their Maths education at Sandbach High School.

During Year 11:

At the end of the autumn term the students sit trial examinations; three complete GCSE papers (1 calculator paper, 2 non-calculator paper).

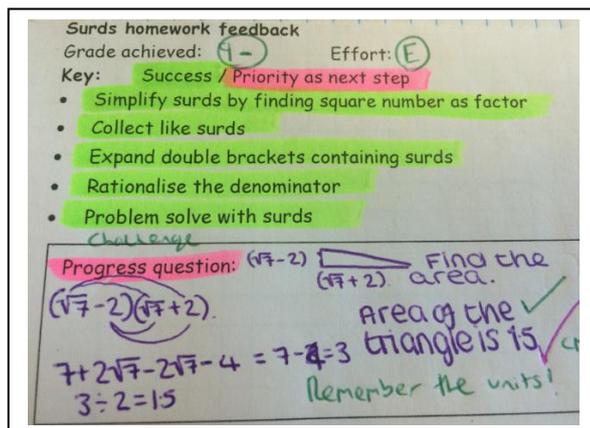
Students are then expected to complete different types of homework. For example, past papers and revision programmes may become more typical.

Students then sit a second set of trial examinations **during the spring term**.

Progress data: Teachers will award a holistic grade that represents a student's current performance.

How do we know students engage with feedback?

Students respond with their MRI pens to both formal written feedback and verbal feedback during lessons. This may include making corrections and/or completing personalised progress questions. This allows the students to improve on an aspect of the work they got wrong and/or extend their knowledge.



They may also be asked to go away and complete Hegarty Maths tasks in order to improve (see below).

Hegarty feedback sheet showing next step tasks in response to an assessment:

Questions	Question Title	Score	Clip Number
1a	Displaying sets in Venn diagrams	3 / 3	372
1b	Venn diagrams for probability	2 / 2	377, 383
2	Compound interest	0 / 3	94
3a	Median from grouped frequency tables	1 / 1	416
3b	Frequency polygons	0 / 2	441
4	Critique time series charts	0 / 2	450
5	Angles in polygons using algebra	0 / 4	565
6	Surface area problem solving	2 / 5	589
7	Complex calculations using a calculator	1 / 2	129
8a	Pythagoras' theorem	0 / 1	499
8b	Enlarge a shape	1 / 1	644
9	Other compound units	1 / 3	738
10	Reverse percentages	1 / 3	96

How is feedback monitored?

We constantly scrutinise students' work through lesson observations, learning walks, shared practice, work sampling (a robust and rigorous process, which we do regularly).

What does assessment look like to a student?

Students receive regular verbal feedback during lessons, from both the teacher and their peers. When formal written feedback is given students are provided with Success and Next steps. Students also receive immediate feedback when completing tasks on Hegarty Maths.