



Mathematics HAIL Policy

Home and Independent Learning

Rationale:

Fluency and confidence in mathematics is a vital attribute our students need to be successful in the wider world. We use HAIL to ensure that all students receive opportunities to consolidate, review and extend their learning in mathematics over their entire academic journey. Success in mathematics is heavily dependent on automaticity, rapid recall and a fundamental understanding of how earlier learning impacts on later learning. Our HAIL tasks, as supported by Sparx Maths aim to improve recall skills and ensure that all students are able to develop high levels of fluency in core concepts, as well as the ability to extend their depth of knowledge within the subject.

How often and how much HAIL should my child receive?

HAIL tasks are set once per week in Mathematics. These are automatically set through our online system, beginning Monday at 9am for every student with a deadline of the following Monday at 7am. Each task has been given a time limit to adhere to the academy policy for timing of HAIL tasks.

How does a student know what their HAIL tasks are and where can they be found?

These are automatically set online at <https://www.sparxmaths.uk/>. Every student has private access to their own learning area. To access their login details, they need to:

- Select Ormiston Meridian Academy from the drop down menu
- Type in their name and date of birth
- Write down their username
- Set their own password and write it down.

If a password is forgotten, the website will allow them to start this process again by selecting 'I've forgotten my password.' Please note that staff cannot reset the passwords for students.

KS3 HAIL tasks

In KS3, students will receive a booklet each half term, with knowledge organisers for the content being taught that term. Students are expected to spend 5 minutes per week reviewing the content and key words that support their current learning. There is also space to write down working out and book check work for their online Sparx HAIL.

All students have compulsory (what needs to be done), XP boost (more practice) and Target (ambition task) tasks set each week.

KS3 students also have access to TT Rockstars so that they can choose to develop their fluency in times tables independently and participate in city and OAT competitions.

KS4 HAIL tasks

In year 10, students will receive a booklet each half term, with knowledge organisers for the content being taught that term. Students are expected to spend 10 minutes per week reviewing the content and key words that support their current learning. There is also space to write down working out and book check work for their online Sparx HAIL.

All students have compulsory (what needs to be done), XP boost (more practice) and Target (ambition task) tasks set each week.

In year 11, students will receive a weekly task called their 'Partial Paper' task. This is the early section of a past GCSE paper. The aim of this task is to further develop exam technique, allow students to familiarise themselves with exam style questioning and structures and increase their likelihood of early success in the GCSE examination.

What are our expectations for HAIL in maths?

- We expect every student to aim for 100% on their Sparx HAIL.
- We expect students to complete their HAIL prior to the deadline, using supporting videos and speaking to their class teacher to help to improve.
- We expect all methods and answers to be written into the purple HAIL book.
- We expect every student to aspire to their Target and XP boost tasks, in addition to their compulsory task.

Rewards and Sanctions

Students will be praised verbally, with stickers / stamps and house points for HAIL completed to a high standard. If staff feel that students are going above and beyond with their HAIL, students will be praised with a text / phone call home.

If students fail to complete their HAIL, they will complete a detention at break or lunch time with their class teacher in the first instance. If students repeatedly fail to complete their HAIL, they will have a faculty detention on a Thursday after school.

We run half termly, termly and annual competitions for Sparx XP points, with top students being rewarded with house points if they land in the top 10 in their year group. This is publicised around the academy and over social media platforms. Students who move up Sparx level will also receive a certificate and a prize is available each year for the highest level in each year group.