

Sparx Maths

The importance of home learning

Experience and results over time show that students who engage fully in our weekly home learning activities go on to achieve higher GCSE grade outcomes.

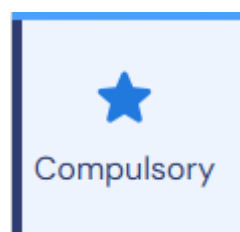
We firmly believe in the benefits of regular home learning and place a great emphasis on students completing this on a weekly basis.

We primarily use home learning to provide additional consolidation practice of the learning previously taught in class, but occasionally we do use it for new learning, or preparation for upcoming in-class study.

Home learning activities

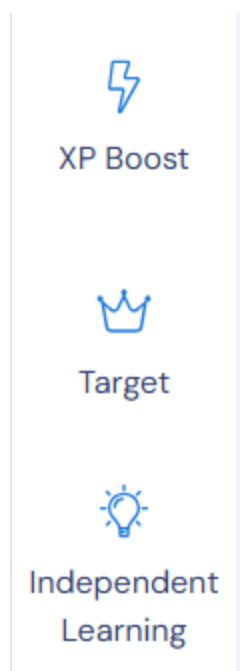
The majority of home learning activities will be set on the Sparx Maths online learning platform: <https://www.sparxmaths.uk/student/>

Sparx has four different sections for students to access: Compulsory, XP Boost, Target and Independent learning.



Compulsory Homework consists of two main components:

1. **In Focus Topics:** These are the subjects your teacher has specifically chosen for the weekly homework. They account for approximately 60% of the homework.
2. **Consolidation Topics:** These revisit previously covered material and usually make up about 40% of the homework.



XP Boost homework is an opportunity for students to continue their learning by answering more Consolidation and revision questions from topics previously covered in homework. It may also include some topics from the current week when appropriate.

Target homework is made up of up to six questions that Sparx thinks the student will find challenging, chosen from that week's topics, as well as topics set in previous weeks (consolidation topics).

Regular completion of XP Boost and Target homework will be rewarded with additional P1s and P2s.

Independent Learning is a student area in Sparx that allows them to practice topics from our extensive content library without the teacher needing to set any additional work.

Sparx Maths offers a highly personalised approach to learning, catering to the unique needs and abilities of each student. Sparx Maths tailors homework to suit individual learning paces, ensuring that students are set home learning for the correct time period each week. The platform tracks progress in real-time, identifying areas where students need additional support and providing targeted practice to reinforce concepts. This personalised learning experience not only boosts engagement but also promotes deeper understanding and mastery of mathematical concepts, allowing students to progress at their own rate while receiving the support they need to succeed.

Support available

There are multiple support options available to students if they are stuck on a home learning activity. These include:

Sparx Videos

Sparx offers videos to assist with individual questions, helping you to access those you are struggling with.

Green notebooks

All Wyvern College students have a green notebook in which they record key information and worked examples of topics taught in class. As the course progresses, a student's notebook should build up into becoming a valuable reference book for them and place they turn to if they are struggling to remember how to approach questions on GCSE Maths topics.

Class peers/Family members

Students who work collaboratively with their class peers on their home learning go on to achieve high GCSE outcomes. Rather than working alone, students who form groups and work together often benefit from supporting each other. Additionally, we also encourage parents/guardians to support with home learning.

Key Points to Remember:

1. Follow the Proper Process

Write down the question code, the full question, your working and the answer before marking it in green pen.

Sparx Maths includes built-in tools to help ensure you're following these steps correctly!

2. Seek Support if Stuck

If you're struggling, use the available support resources before the deadline, rather than arriving at the lesson saying "I didn't get it."