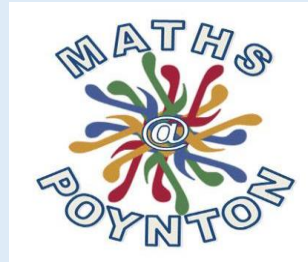


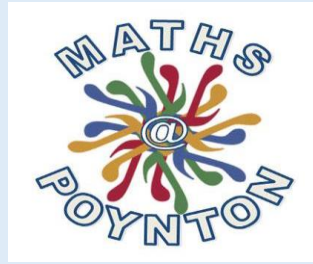
Sparx Maths

Poynton High School

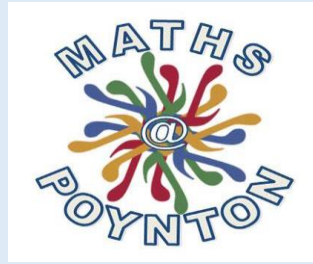


Guide to Sparx Maths

Sparx Maths



- All year groups are now using Sparx Maths for their weekly Maths home learning task. In order for you to support your young person to make the most of the platform, we have put together a list of frequently asked questions and answers which we hope you will find useful.
- Sparx will also keep you updated directly on whether your young person is completing their home learning each week.
- If you have any further questions, please get in touch with your young person's Maths teacher in the first instance.

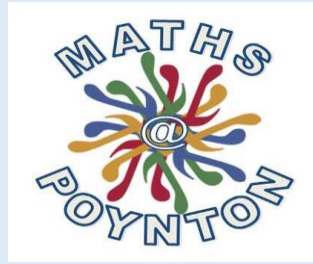


WHEN IS SPARX HOME LEARNING SET AND DUE?

Sparx is set every Wednesday and due in the following Wednesday so students have a week to complete it.

3 days before the due date, parent's will receive an email to update them on their young person's progress with their home learning up to that point.

Sparx Maths



HOW DO THEY LOG ON?

- Students should log onto Sparx maths with their username (full name in lowercase with no spaces e.g. **joebloggs**) Their individual password was set up by the student and if forgotten, can be reset without teacher assistance.
- All students can also now use their school login to get onto Sparx. They need to use the @poyntonhigh.org.uk version of their school email, and the password they use to log on to the school computers.


Students can use their school login by clicking here. They need to use the @poyntonhigh.org.uk version of their school email, and the password they use to log on to the school computers.

Students can click here if they are unable to login and it will tell them what to do.

Sparx Maths

Student Login

You're logging in to Sparx at **Poynton High School**.
[Not your school?](#)

[Log in to Sparx using Microsoft](#) 

or

Use your Sparx login

Username:

Password:
 [Show](#)

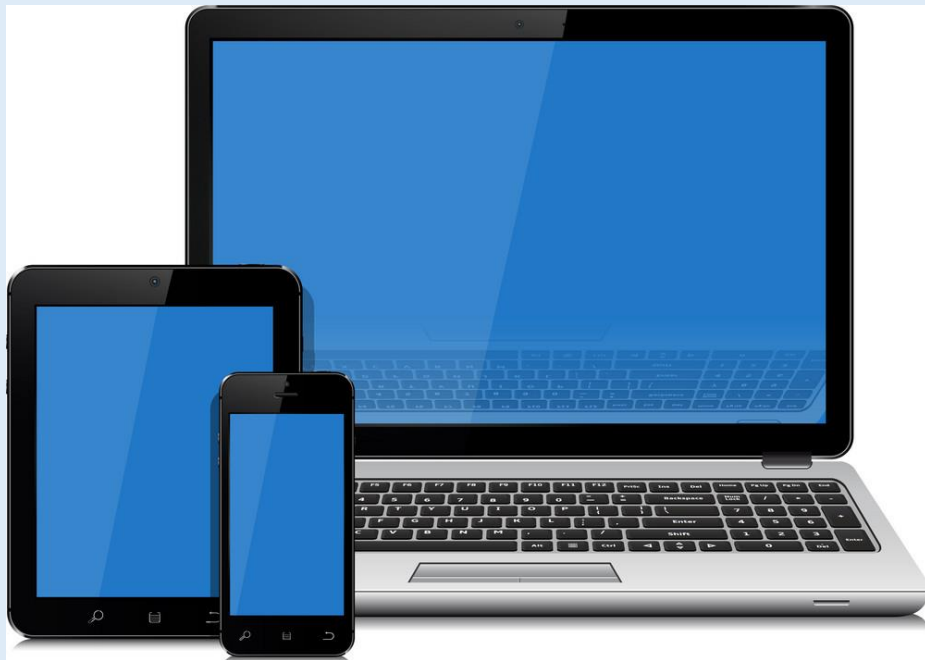
[Forgotten Sparx login details?](#) [Log in](#)

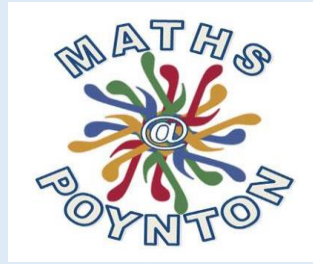
[New Sparx user?](#)

Students can log onto Sparx maths with their username (full name in lowercase with no spaces e.g. **joebloggs**). If they use this method to login, they have set their own password.

WHAT DEVICES DOES IT WORK ON?

- Sparx works on laptops, tablets and mobile phones. Students should be recording their working so they should have a pen and paper handy too.





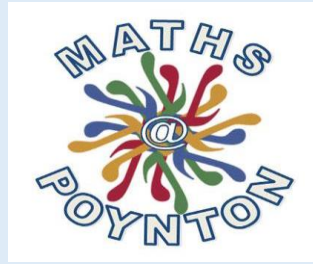
HOW MANY QUESTIONS WILL BE SET EACH WEEK?

- Each week students receive a set of questions in a ‘compulsory homework’ that might vary in length to the previous homework. We monitor the homework each week to ensure it matches the pace and how difficult they are finding the questions. Some topics will have been taught in class recently, some a while ago and some may be taught during the upcoming week.
- There are additional tasks called ‘target’ and ‘XP boost’ that students can also complete if they wish. The target contains questions to stretch and challenge the students, and the XP boost is more questions to practice that are similar to the compulsory homework.

Students weekly home learning task appears in the compulsory section of Sparx.

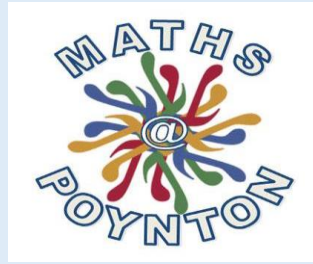
The screenshot shows the Sparx Maths interface. At the top, there is a blue header with the text "Sparx Maths" on the left and "370 XP" on the right. Below the header, there is a navigation menu on the left with four items: "Compulsory" (with a star icon), "XP Boost" (with a lightning bolt icon), "Target" (with a crown icon), and "Independent Learning" (with a lightbulb icon). The main content area is titled "Hey Teacher," and includes the text "This is your personalised Compulsory homework. You need to answer every question correctly to complete it." To the right of this text is a green circular progress indicator showing "1/1". Below this, there is a task card for "Introducing Sparx Maths" with a dropdown arrow on the left, a "Bookwork" label with a progress gauge, and a "Completed" status with a checkmark.

XP boost and Target are additional weekly tasks that student can complete to gain more XP.



HOW LONG SHOULD SPARX TAKE TO COMPLETE?

- We expect students to spend up to an hour to complete the questions to 100%. Questions adapt to the student, the more they work on Sparx; meaning students are able to finish the task in much less than an hour.
- Staff are able to see how long the students have been 'active' on the computer and each teacher will use their professional judgement and knowledge of the students to determine if they have done 'enough' work (if they have not completed it to 100%). C1s and C2 detentions and emails home, will be issued to those students who fail to meet the expectations.



HOW CAN I HELP WITH SPARX HOMEWORK?

- Encourage them to tackle it on their own. If you give them the answer, it will set harder questions next time to increase the level of challenge.
- Nudge them to watch the support videos – there is one for every question. They are short and really help.
- Suggest they get started early. Leaving it until Tuesday night is too late to get help if they need it.

1A

1B

1C

1D

Summary

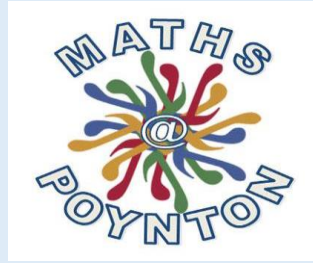
Bookwork code: 1A

Calculator
not allowedWork out $4 + 5 \times 2$

On every question there is a video that students can watch to help them to work out how to tackle a question.

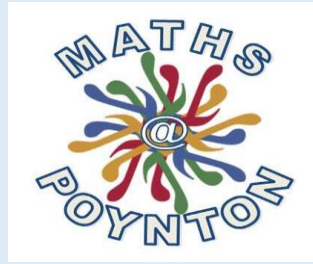
 Watch video

Answer



WHAT DO I DO IF MY CHILD KEEPS GETTING A QUESTION WRONG OR CAN'T COMPLETE THE HOMEWORK?

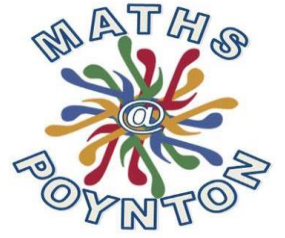
- Sometimes students might keep getting an answer wrong which prevents their homework from being complete. To help with this, we encourage them to watch the support video for that question. If they are still stuck, then they can use the new question swap feature which will give them an easier question to attempt. They can use this feature three times in each homework.
- We offer a drop-in session in **Room 29 every Tuesday lunchtime** where maths teachers are available to help with any issues or difficulties with specific questions. It is the students' responsibility to use this facility rather than giving the excuse of being 'stuck' or not being able to access the work from home.



HOW CAN MY CHILD USE SPARX TO REVISE?

- The best way to revise Maths is to do Maths! There is an independent learning section on Sparx which students can access on the left-hand side of the screen when they are logged in. Students will be given topic codes on revision lists and also following assessments so they can target specific topics. On the independent learning section, students can search a topic name, or code, and they will be given questions to answer on that topic. The questions are split into introduce, strengthen and deepen and there are videos to support students in attempting these.

Sparx Maths



Sparx Maths

370 XP



Compulsory



XP Boost



Target



Independent Learning

Hey Teacher,

This is your personalised Compulsory homework. You need to answer every question correctly to complete it.

1/1

Introducing Sparx Maths

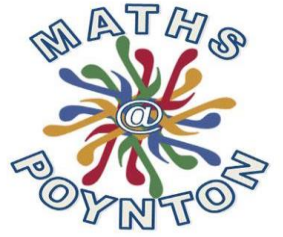
Bookwork



Completed ✓

The Independent Learning section is accessed here.

Sparx Maths

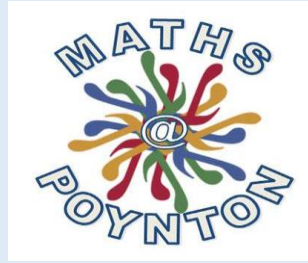


Year 7, 8 and 9 should choose Key Stage 3 here. Year 10 and 11 should choose GCSE.

Students can select a level here, depending on their knowledge and confidence with a topic.

The screenshot shows the Sparx Maths 'Independent Learning' interface. At the top, there's a blue header with 'Sparx Maths Independent Learning' and '370 XP'. On the left, a vertical sidebar contains icons for 'Compulsory', 'XP Boost', 'Target', and 'Independent Learning'. The main area is titled 'Independent Learning' and has two tabs: 'Find topics' (active) and 'My activity'. Below the tabs, there's a search bar labeled 'Search for topics:' with the placeholder 'Enter topic name or code'. To the right of the search bar is a dropdown menu for 'Your curriculum:' set to 'Key Stage 3'. Further right is another dropdown menu for 'Default level:' set to 'Level 2'. Below these are several topic cards: 'Number' (with a calculator icon), 'Algebra' (with a checkmark), 'Ratio and Proportion' (with a 3:2 icon), 'Geometry' (with a downward arrow), 'Probability' (with a die icon), and 'Statistics' (with a bar chart icon). A tooltip for the 'Level 2' dropdown is visible, showing four options: 'Level 1' (Practise the basics of each topic at a gentle pace.), 'Level 2' (Practise the basics of each topic.), 'Level 3' (Practise the basics and try some more challenging questions.), and 'Level 4' (Practise with the most challenging questions.).

Students can search a topic name, or code if they have been given them by their teacher.



▼ Show building blocks

Expanding two sets of brackets



Introduce

Question 1

Answer

Question 2

Answer

Question 3

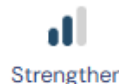
Answer

Question 4

Answer

Question 5

Answer



Strengthen

Question 1

Answer

Question 2

Answer

Question 3

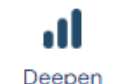
Answer

Question 4

Answer

Question 5

Answer



Deepen

Question 1

Answer

Question 2

Answer

Question 3

Answer

Question 4

Answer

Question 5

Answer

If students find these questions too difficult, they can click here to see the topics that preceded it, which they may need to revisit first.

Students can adjust their level here too.

Each topic is split into 'introduce', 'strengthen' and 'deepen' to help students to build their skills through the topic.

They will find videos on each question here too.