



Dear Parent/Carer,

24th January 2023

Sparx Maths

As you know, for some time now our students have been completing their maths homework with Sparx Maths and we are delighted with the significant, positive impact on learning this has had so far. We know that you want to support your child's maths progress so we've put together this letter to explain how Sparx works and why it is important to make sure that maths homework is 100% completed.

How does Sparx homework work?

Sparx **personalises each child's homework**, creating a weekly set of questions **tailored to their level of understanding and learning pace**. The questions are designed to be achievable whilst offering the stretch that learners need to make progress. Each week, topics are set by your child's maths teacher. Questions from previous topics will also be included in the homework so that students can keep practising the skills they have learned.

How can I help my child with their homework?

We appreciate that you will of course want to support your child with their home learning but please try not to help them with a question until they've had a go first! It is **really important that they complete their homework independently**, and that questions are marked as correct. They can watch the support video if they need to. This way, Sparx can make sure your child continues to see homework that's at the right level for them.

Why does my child need to achieve 100% compulsory homework completion?

Sparx Homework is deliberately designed to **help students really get to grips with and understand the concepts and skills they are learning by ensuring they cover the essential building blocks needed to make progress in maths**. Sparx' research (<https://sparxmaths.com/impact>) has shown that an average of 60 minutes a week of this type of personalised maths home learning leads to clear progress. It is therefore advised that **students do their homework as early as possible**, so they have the time to have a go themselves and **seek help from their teacher if needed**. Homework is not marked as complete until **all** of the compulsory questions have been answered correctly, so **starting early is key to finishing before hand-in time**. You can keep track of your child's homework completion in the weekly email you will receive from Sparx.

We hope you agree that Sparx will play an exciting and important role in helping your child's understanding, success and confidence in maths to grow. For more information please refer to the enclosed '**Sparx top tips for parents**' information sheet below or visit Sparx Maths. Should you have any further questions please do not hesitate to contact Mr Mawlud or your child's maths teacher.

Yours Sincerely,

Mr R. Mawlud
Head of Mathematics

Sparx top tips for parents

Encouraging good habits

- Try and set up a quiet work area for your child if possible. If you don't have the space, consider setting aside routine 'quiet times' during the day, when children can concentrate, even if only for short periods of time.
- It is important that students still keep a record of their work when learning at home, so providing them with a book or folder if they don't have their school book is recommended. They may still need their teacher's support, and they in turn may want to see student workings.
- Keep in contact with your child's teacher, or encourage your child to keep in contact with them themselves. Most schools have a platform that students can use to reach out to teachers if they need help.

Getting logged in to Sparx

- Go to <https://sparx.co.uk>, click **login** in the top right corner, and select **student login**. Here they will be asked to start typing the name of their school before being prompted to select it from a dropdown list.
- If this is the first time your child has logged in, they will need to select **New Sparx User** and enter their name and their date of birth in order to confirm their username.

Fill in your details below to create your account

Your first name:

Your last name:

Your date of birth:
Day
Month
Year

Step 2. Choose your password

Now set a password, make sure you choose one that you will remember

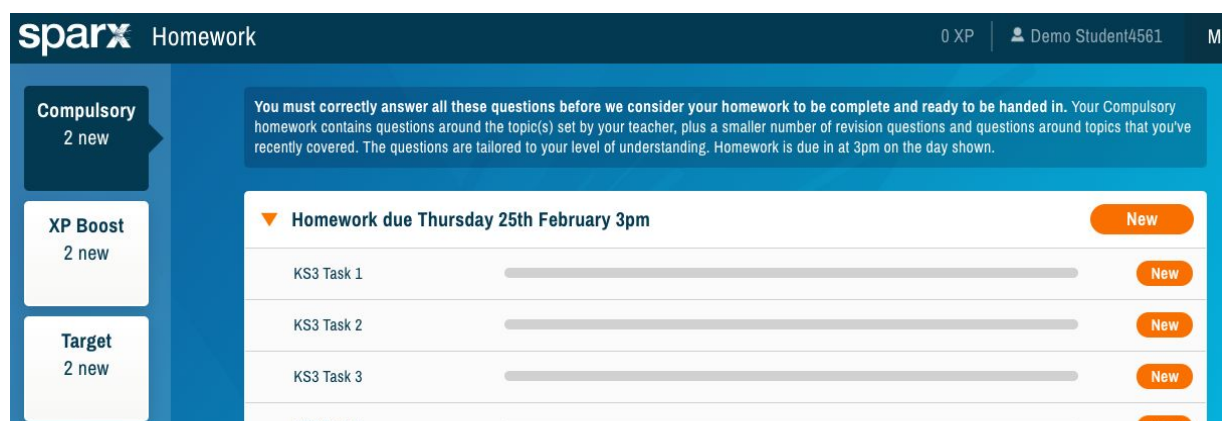
Choose your password

Your password needs to:
✔ Be 6 or more characters

- They will then be asked to set their own password, which they will need to remember! Note: This password needs to contain at least 6 characters. The screen will inform the student once their password passes this rule.
- If your child has forgotten their password, they should contact their teacher who will be able to reset it for them.

What exactly is Sparx Maths Homework?

- Sparx homework is tailored to your child, and should offer them just the right level of challenge, based on the topics that their teacher has set.
- Homework contains 3 elements: Compulsory, XP Boost and Target.
- All questions in the Compulsory section must be answered correctly for the homework to be marked as complete.
- Each task bar will show as green when fully complete. For the homework to be classed as complete, all task bars for that homework need to be fully green. The percentage of homework complete will show on the menu page:



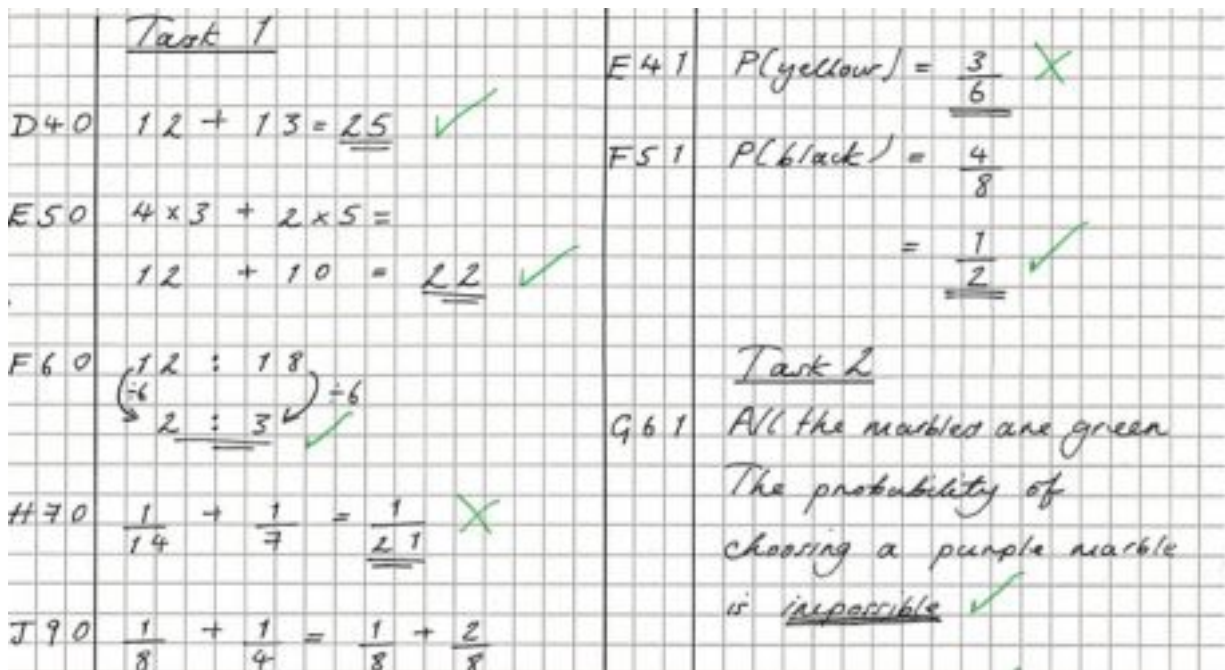
- XP Boost questions are at a similar level to Compulsory, and offer extra practice.
- Target questions have been designed to challenge your child. You will receive a link to a video in your parent email each week, to help you offer them support and encouragement with their Target homework.

If a student receives too much assistance with their homework, Sparx may think they're able to tackle more difficult questions and their work could get harder. To prevent this, always encourage them to attempt the question first and to watch the support video before getting help.

Why are there bookwork checks, and how do they work?

We believe that a good standard of bookwork is very important in helping students to embed good practice, and to help them and their teachers to keep track of any misconceptions.

- In Sparx, every question is accompanied by a 'bookwork code'.
- Your child should write this down, and then write their workings and answer next to the code.
- When they are asked for the answer they gave for a particular bookwork code, they need to give the exact answer they wrote down, even if it was wrong.
- Here's an example of good bookwork; as you can see all workings and wrong answers have been recorded:



- If a student fails a bookwork check in Sparx, they will need to re-do the question, even if they originally gave the correct answer. This is to encourage them to record their workings.
- The more bookwork checks your child gets correct, the fewer they'll see.

How can I support my child when they're

stuck?

- Even if your child thinks they will answer incorrectly, they should make the first attempt on a question without assistance. This will enable the teacher to see what they are working on, and also helps Sparx and School correctly determine their level.
- Each question is accompanied by a help video. Watching the video with your child is a great way to support and encourage them with the question.
- If your child gets a question wrong three times, Sparx will suggest they seek help.
- The teacher will also be notified that they need help with this particular question.
- You can also contact the child's teacher for help using the school's normal communication channels.
- To help the teacher, we recommend supporting your child in writing down their workings clearly in their book. You can share this with the teacher to help them identify the problem.
- Parents whose children have been set Compulsory homework will receive a weekly email from Sparx, which includes an update on how much homework their child has completed as well as any they have outstanding from the previous few weeks. Most importantly, the email contains a link to a short video that parents can watch and use to help support their child in answering one of their Target questions.

What happens if my child can't complete their work?

- If for some reason they cannot complete the work that has been set, you, or your child should contact their teacher and seek further advice.

How can I check on my child's progress?

- Sparx provides teachers with data to help them make informed decisions on student progress. We believe that the teacher is the expert on your child's progress in Maths, and therefore encourage you to get in touch with them if you would like an update.

What is XP?

- Sparx XP or 'Experience Points' is an effort based points system that schools can use to support and inform their own reward schemes.
- Students earn XP when they complete a task or win a reward game.
- Tasks from different homework types earn different numbers of points, for example students can earn more XP if they complete XP Boost and Target homework tasks compared with Compulsory ones.
- In lessons, all tasks are rewarded the same level of XP.
- Students go up a Sparx level for every 10,000 XP they collect. They can be encouraged to increase their number of XP by completing all of their XP Boost and Target homework.

Questions with extended written answers

- Some questions in Sparx can not be entered online, but should instead be written down for the teacher to check.
- Sparx will prompt the student to answer 'I have done this' for these questions, and teachers may follow up with them later.