



The Ellesmere Port
C of E College
Sparx Maths

Parent Drop in March 2024

Part of the



Frank Field
Education Trust

To act justly, to love with mercy and to walk humbly with our God – Micah 6:8

What is Sparx?

- Sparx is a website we will use for **all Maths homework** from now onwards. www.sparxmaths.com
- Video: <https://support.sparx.co.uk/v1/docs/sparx-math-homework-for-parents>

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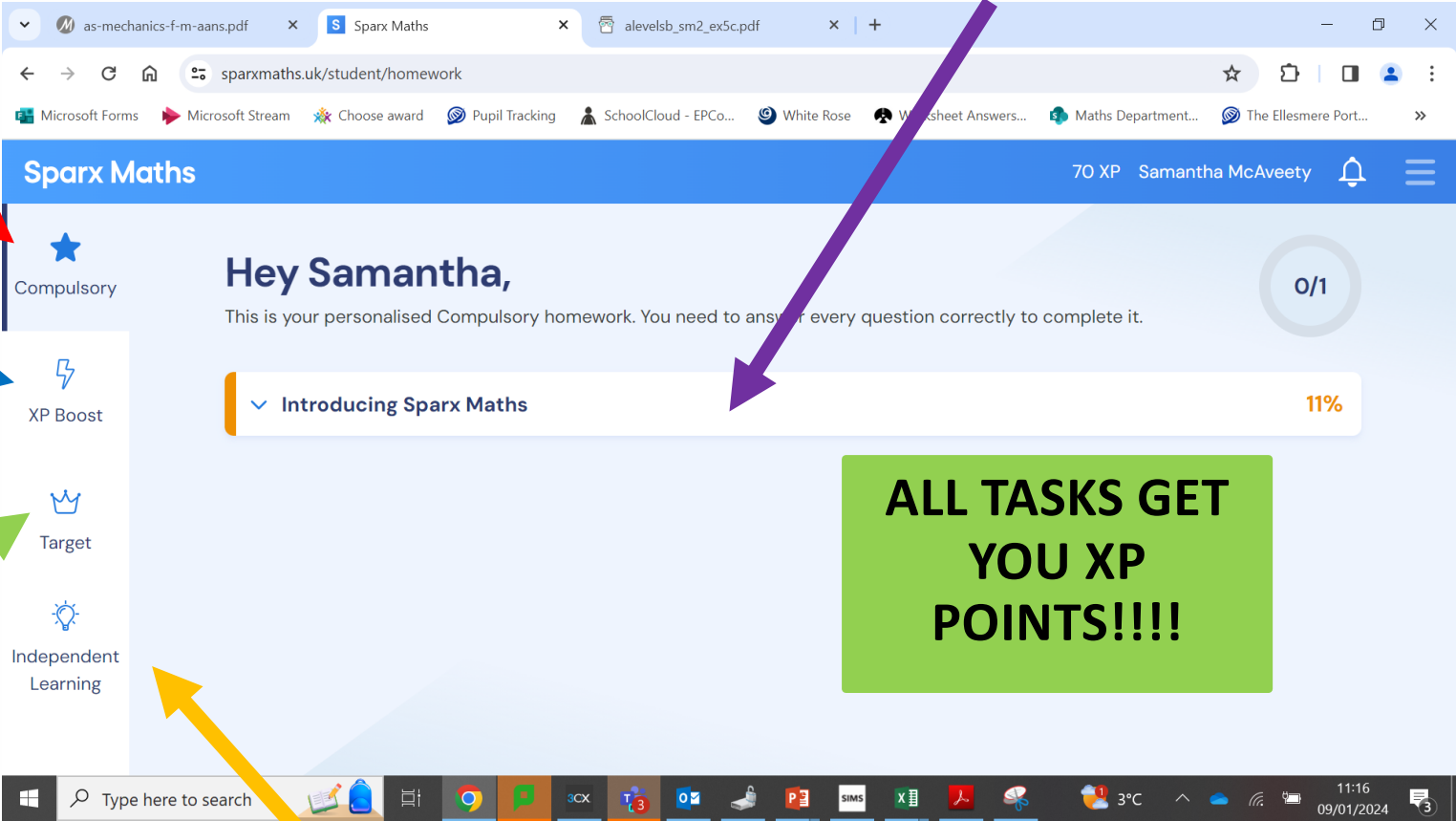
What do they see when logged in?

There is an Introductory Task that needs to be completed.

Your weekly homework appears in "Compulsory"

Extra questions at the same level appear in "XP Boost"

Extra questions at the next level appear in "Target"



Click "Independent Learning" to explore all topics

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Compulsory Homework

- Homework will automatically **set on a Wednesday** and students have a week to complete it.
- The homework set is **personalised** to each learner.
- Sparx **learns their level of understanding** in maths and will move them up a level when they are ready.

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★
Compulsory

Hey [Redacted] 8/8

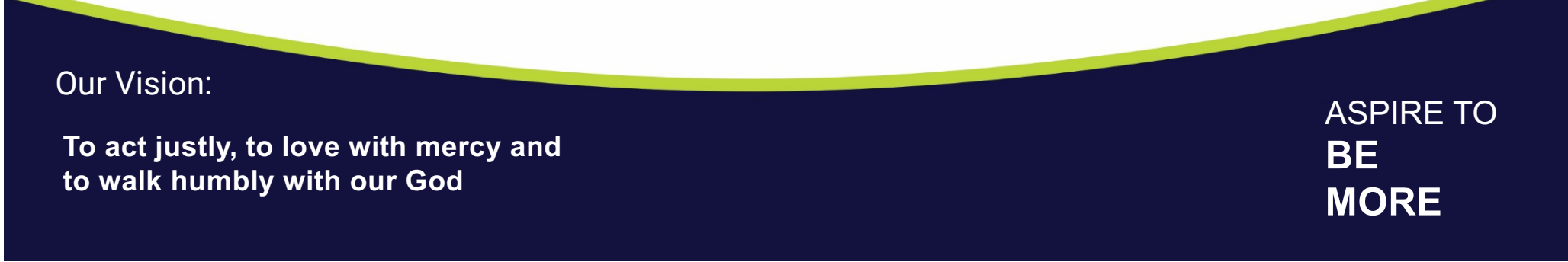
This is your personalised Compulsory homework. You need to answer every question correctly to complete it.

⚡
XP Boost

👑
Target

💡
Independent Learning

- Homework due Wednesday 6th March 9am Bookwork Completed ✓
- Homework due Wednesday 28th February 9am Bookwork Completed ✓
- Homework due Wednesday 14th February 9am Bookwork Completed ✓
- Homework due Wednesday 7th February 9am Bookwork Completed ✓
- Homework due Wednesday 31st January 9am Bookwork Completed ✓
- Homework due Wednesday 24th January 9am Bookwork Completed ✓
- Homework due Wednesday 17th January 9am Bookwork Completed ✓
- Introducing Sparx Maths Bookwork Completed ✓



- Each homework also has **times-table practice** built in.

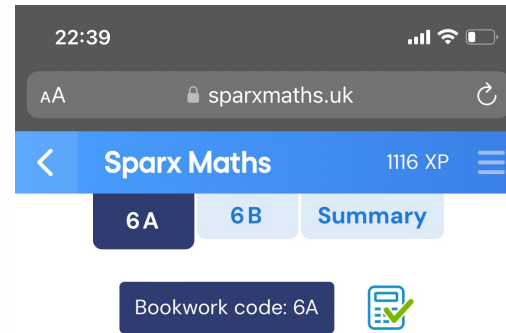
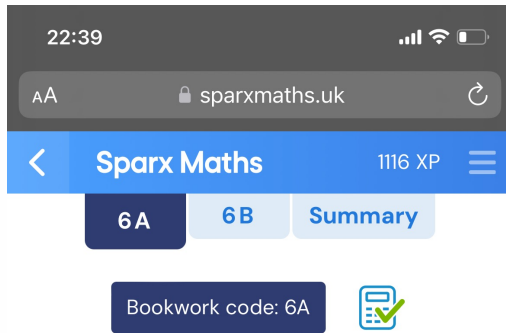
The screenshot shows a web browser window with the URL `sparxmaths.uk/student/games/StickerCollector/package/9376cdfc-0ab2-410b-b2a6-29c562a535d8/task/7`. The page title is "Sparx Maths" and the user's name is "Lloyd Ratcliffe" with 1116 XP. The main content area features a math problem $3 \times 3 = ?$ in a dark blue box. Below the problem is a calculator interface with buttons for numbers 0-9, a decimal point, a minus sign, a multiplication sign, and an "OK" button. To the right of the calculator is a yellow stopwatch icon. On the right side of the page, there is a "Stickers" section with a vertical blue bar and a grey sticker icon.

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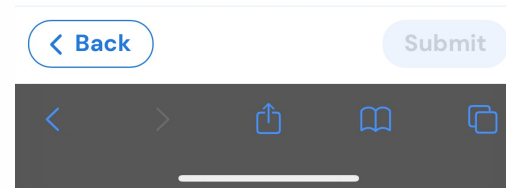
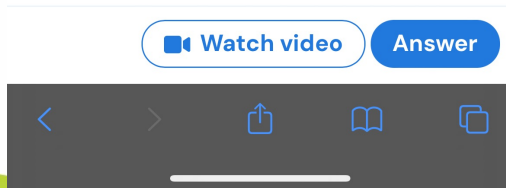
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- Sparx works on mobile phones



What is 19% of 41?
Give your answer as a decimal.



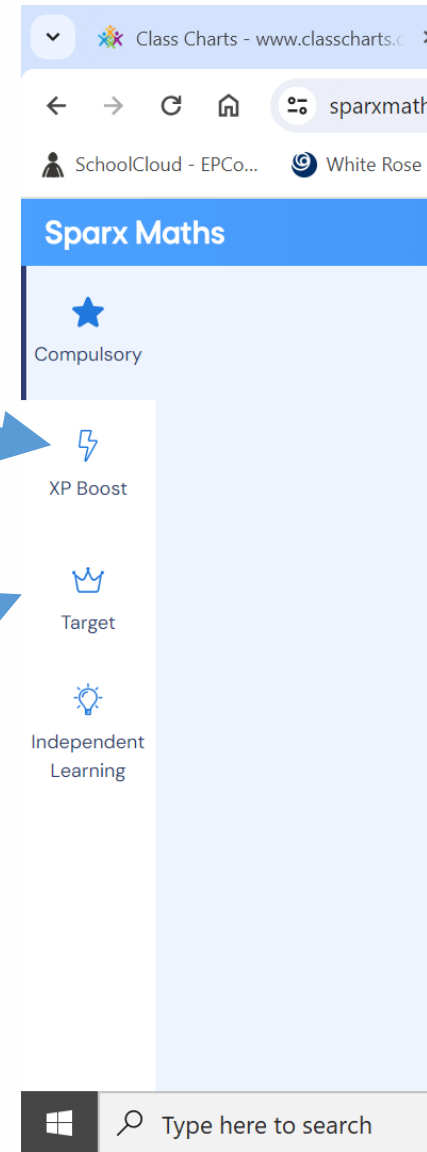
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Additional Features

- Every week an additional “**Boost**” task will appear which gives students further practice at the same level.
- There is also a “**Target**” task set each week which will **challenge** students beyond their current level.



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- **Independent Practice** – this can be used for revision and practice of any topic.

The screenshot displays the Sparx Maths Independent Learning interface. At the top, the browser tabs include 'Class Charts - www.classcharts.c...', 'EPC - Maths Dept - 202324 Da...', and 'Sparx Maths'. The address bar shows 'sparxmaths.uk/student/independentlearning'. The page header features the Sparx Maths logo, 'Independent Learning', and user details: '1116 XP Lloyd Ratcliffe'. A sidebar on the left contains navigation options: 'Compulsory', 'XP Boost', 'Target', and 'Independent Learning'. The main content area is titled 'Independent Learning' and has two tabs: 'Find topics' (active) and 'My activity'. Below the tabs are three search filters: 'Search for topics' (input field), 'Your curriculum' (dropdown menu set to 'Key Stage 3'), and 'Default level' (dropdown menu set to 'Level 1'). A 'Select a topic:' section displays six topic buttons: 'Number' (with a calculator icon), 'Algebra' (with an x^2 icon), 'Ratio and Proportion' (with a '3:2' icon), 'Geometry' (with a right-angled triangle icon), 'Probability' (with a die icon), and 'Statistics' (with a bar chart icon).

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Bookwork Checks

The screenshot shows a web browser window with the URL `sparxmaths.uk/student/package/83b9237d-ea77-4412-8a83-99d929155a42/task/1/item/1`. The page header includes 'Sparx Maths' and '4117 XP Owen Campbell'. Below the header are tabs for '1A', '1B', '1C', and 'Summary'. A dark blue box displays 'Bookwork code: 1A' with a blue arrow pointing to it from a yellow callout box. To the right of the code is a 'Calculator allowed' icon. The main content area contains the question: 'What number is 7% smaller than 52?'. At the bottom of the question area are 'Watch video' and 'Answer' buttons. The Windows taskbar at the bottom shows the search bar, task icons, and system tray with the time 22:26 and date 04/03/2024.

All questions have a “**Bookwork**” code. 1A, 1B etc

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- Students need to **write down** the code and then their answers. This should be done in their books.
- The system will regularly check they are doing this by asking them **for a previous answer.**
- If students are recording work in their book, they will find passing bookwork checks easy and they will see them less often.

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XP Points and Rewards

- Students gain XP points whenever they attempt tasks.
- We will be building this into our rewards in school but you can also use this to reward at home.

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100% Completion

- Tasks are not marked as completed until they get 100%.
- **100% completion is important in allowing the learners to make progress** and prevent gaps in their learning.
- Completing their homework each week also allows Sparx Maths to learn about their working speeds and adapt future homework for them.

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Support Available

- All questions have a **video** with them. The video will guide them through the specific skills needed for that question.

Support video

What number is 4% smaller than 31?
Give your answer as a decimal.

Find the percentage change

4 % decrease

It is a decrease so subtract the percentage change from 100%

original - change = new
 $100\% - 4\% = 96\%$

Calculate the new percentage of the amount

Convert the percentage to a decimal

Do the multiplication on a calculator

96% of 31 = $96\% \times 31$
 $= 0.96 \times 31$
 $= 29.76$

Side working
96 %
 $= 96 \div 100$
 $= 0.96$

29.76 ans

0:00 / 1:06

Close video X

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- Students have a week to complete each task. It would benefit them starting the task as soon as possible so they have time to **ask for help**.
- Sparx will **flag questions** it believes they need support with to the student and their teacher. (Purple flag)
- Students should speak to their teacher about these questions.
- **Homework club** – this runs after school in our Aspire room.

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