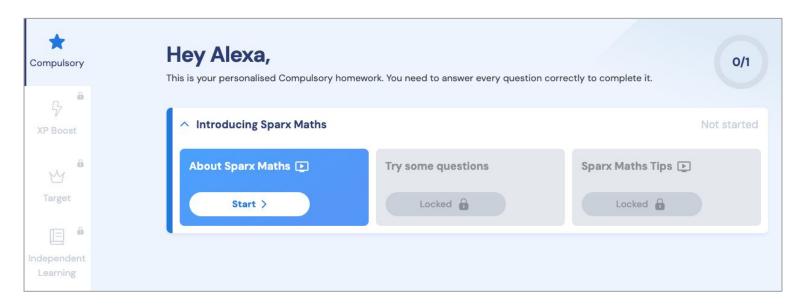
# **Sparx Maths Homework**

Getting started for students

# What to expect from your Sparx Maths Homework

- Homework is personalised to you
- Sparx Maths keeps learning from your attempts to create challenging yet achievable problems each week
- Because homework is made specifically for you, you will be able to answer every question correctly, but:
  - Some questions will take slightly longer than others
  - Some questions will probably need more than one try to get right

## There is a task with 3 steps in it to help you learn how to use Sparx Maths



You should complete all of the steps before doing your first Compulsory homework

Click here to see further information

# Write down your work as you go

- Over time, by writing things down you will find you are able to tackle more complex problems
  - Practising this skill will help you to feel more successful in exams
- Make sure you write down the question number for each problem so that you can answer bookwork checks as you go

# XP points in Sparx Maths Homework

Every time you complete a task or win a minigame, you earn Sparx Experience Points (XP)

For example, it takes 10,000 points to level up and the more work you do the quicker you will get to that score.



## Compulsory

200 - 500 XP

### **XP Boost**

100 - 400 XP

### **Target**

100 - 400 XP

## **Independent Learning**

200 - 300 XP per half hour

# How to login

### Single Sign On

Go to **sparxmaths.uk** 

Search for your school

Click "Login with Google/Microsoft"

### Without Single Sign On

Go to **sparxmaths.uk** 

Search for your school

Click New User

Fill in the details

Pick a strong, memorable password



Click here to see further instructions

# **Extra Information**

# Times tables is part of your compulsory homework

- Knowing your times tables well helps you solve multi-step problems because you can solve the arithmetic parts quickly
- You are put in a club based on an initial quiz
- Times tables practice usually takes a few minutes to complete
- It is timed so that you can see how your fluency improves over time



# **Optional Homework in Sparx Maths**



- Sparx produces three personalised tasks for you every single week that you have homework to complete
- After you finish your Compulsory homework, refine your skills by completing similar problems in XP Boost
- Further enhance your skills by completing the **Target** work which is a set of six questions chosen specifically to challenge you

# Independent learning - take control of your own learning

- Access every single question on Sparx
- Choose one of three levels of question
  - Introduce: basic skills
  - Strengthen: improve understanding
  - Deepen: problem solving
- Do this after Compulsory homework, XP Boost and Target

# The importance of doing your own work on Sparx Maths

#### What if somebody helps me with my homework?

That's great! But make sure you put in your answer to Sparx so that the algorithm learns about your understanding.

#### What happens if somebody, or an app, gives me an answer to a question?

Sparx might not fully understand your current level of understanding and could give you harder problems than you're ready for right now.

Furthermore, your teacher might then set you more challenging problems in class because they have noticed your homework difficulty.

### Should I input an answer, even if somebody else tells me it is wrong?

**Yes!** Sparx is designed to help you improve *your* maths skills through practice and feedback, so doing your own work will help you to get the most out of it.

With determination and effort, you can excel by answering every question to the best of your ability.