

### A Parent Guide to Sparx Science

A guide to helping your child engage with science learning.

#### What is Sparx Science?

Sparx Science is a research-based learning platform that helps students develop long-term understanding of science content. It provides interactive questions, explanations, and weekly homework aligned with the national curriculum.

#### **Key Features:**

- Weekly assignments tailored to your child's progress
- Emphasises recall and understanding, not just memorisation
- Real-time feedback and explanation for every answer
- Adaptive learning pathways for maximum retention

#### What are the Sparx Science homework expectations for your child?

Your child can log in to Sparx using the 'Sign in with Google' button once they have logged into Google using their school account details.



30 minutes for Years 7-9 and 1 hour for Years 10-11 of Sparx Science homework, to support the work being done in class, will be set each week on Thursday morning and is due the following Wednesday evening. 100% of homework tasks are expected to be completed, however it is not expected for students to spend longer than 30 minutes for Years 7-9 and 1 hour for Years 10-11 on this. There is no expectation for students to write anything down for their Sparx Science task, everything is completed on the programme, and for each question there is an 'I don't know' button on the bottom left of the question screen which will provide support or answers to the question.

#### How parents can support Sparx Science at home

##### **Stay Informed:**

- Know your child's homework deadline (set weekly)
- Encourage completion well before the deadline

##### **Encourage Active Learning:**

- Ask: "What science topic are you working on this week?"
- Ask them to explain a fact or concept they've learned.
- Help them relate science to the real world (e.g. cooking = chemistry!)

##### **Make It Practical:**

- Support with revision notes, mind maps, or flashcards
- Reinforce the use of scientific vocabulary
- Check their understanding through quiz-style questions

### SEN accessibility in Sparx Science:

Sparx Science supports diverse learners with:

<b>Feature</b>	<b>Benefit</b>
Simple Language Mode	Reduces complex sentence structures
Visual Supports	Diagrams and animations aid comprehension
Video Explanations	Audio-visual learning for key ideas
Question Scaffolding	Gradual increase in difficulty builds confidence
Repeat Practice	Concepts revisited for spaced learning

**Tip:** For browser-based accessibility tools, you can use:

- Immersive Reader
- Speech-to-text tools (for students with processing needs)

### Need help?

#### **For questions about Sparx Science:**

Science Lead: Mrs Migliari

Email: via Pastoral Contact Form on the school website

Sparx Support: [[www.sparxscience.com/help](http://www.sparxscience.com/help)](<https://www.sparxscience.com/help>)

### Final tips for parents:

- Encourage effort over perfection
- Check progress regularly, but let your child lead
- Be positive about science — confidence grows with encouragement!