



Improving my Science  
grade

**Sparx Science**

# Improving my Science grade



- To 'improve', you must know what topics you need to study (learn, revise/revisit, practice).
- Therefore you need to make use of the papers we go through to make a comprehensive list of topics to revise.

# Past paper practice

At the end of **every month** you will sit a past paper. You have already sat the first one! This will take place in the hall (Mastery session and Period 1 lesson).

You will sit three full 60 mark papers in the Main hall in full exam conditions at the end of the Autumn term (B1, C1 and P1)

You will sit 6 in the Spring term (B1, C1, P1, B2, C2 and P2).

# Assessment

## **Paper 1: Biology 1 (\*Paper code: 1SC0/1BF, 1SC0/1BH)**

**Written examination: 1 hour and 10 minutes**

**16.67% of the qualification**

**60 marks**

### **Content overview**

Topic 1 – Key concepts in biology, Topic 2 – Cells and control, Topic 3 – Genetics, Topic 4 – Natural selection and genetic modification, Topic 5 – Health, disease and the development of medicines

### **Assessment overview**

A mixture of different question styles, including multiple-choice questions, short answer questions, calculations and extended open-response questions.

Calculators may be used in the examination. Information on the use of calculators during the examinations for this qualification can be found in *Appendix 11: Calculators*.

## **Paper 2: Biology 2 (Paper code: 1SC0/2BF, 1SC0/2BH)**

**Written examination: 1 hour and 10 minutes**

**16.67% of the qualification**

**60 marks**

### **Content overview**

Topic 1 – Key concepts in biology, Topic 6 – Plant structures and their functions, Topic 7 – Animal coordination, control and homeostasis, Topic 8 – Exchange and transport in animals, Topic 9 – Ecosystems and material cycles

### **Assessment overview**

A mixture of different question styles, including multiple-choice questions, short answer questions, calculations and extended open-response questions.

Calculators may be used in the examination. Information on the use of calculators during the examinations for this qualification can be found in *Appendix 11: Calculators*.

# Assessment

## Paper 3: Chemistry 1 (Paper code: 1SC0/1CF, 1SC0/1CH)

**Written examination: 1 hour and 10 minutes**

**16.67% of the qualification**

**60 marks**

### Content overview

Topic 1 – Key concepts in chemistry, Topic 2 – States of matter and mixtures, Topic 3 – Chemical changes, Topic 4 – Extracting metals and equilibria

### Assessment overview

A mixture of different question styles, including multiple-choice questions, short answer questions, calculations and extended open-response questions.

Calculators may be used in the examination. Information on the use of calculators during the examinations for this qualification can be found in *Appendix 11: Calculators*.

## Paper 4: Chemistry 2 (Paper code: 1SC0/2CF, 1SC0/2CH)

**Written examination: 1 hour and 10 minutes**

**16.67% of the qualification**

**60 marks**

### Content overview

Topic 1 – Key concepts in chemistry, Topic 6 – Groups in the periodic table, Topic 7 – Rates of reaction and energy changes, Topic 8 – Fuels and Earth science

### Assessment overview

A mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions.

Calculators may be used in the examination. Information on the use of calculators during the examinations for this qualification can be found in *Appendix 11: Calculators*.

# Assessment

## Paper 5: Physics 1 (Paper code: 1SC0/1PF, 1SC0/1PH)

**Written examination: 1 hour and 10 minutes**

**16.67% of the qualification**

**60 marks**

### Content overview

Topic 1 – Key concepts of physics, Topic 2 – Motion and forces, Topic 3 – Conservation of energy, Topic 4 – Waves, Topic 5 – Light and the electromagnetic spectrum, Topic 6 – Radioactivity

### Assessment overview

A mixture of different question styles, including multiple-choice questions, short answer questions, calculations and extended open-response questions.

Calculators may be used in the examination. Information on the use of calculators during the examinations for this qualification can be found in *Appendix 11: Calculators*.

## Paper 6: Physics 2 (Paper code: 1SC0/2PF, 1SC0/2PH)

**Written examination: 1 hour 10 minutes**

**16.67% of the qualification**

**60 marks**

### Content overview

Topic 1 – Key concepts of physics, Topic 8 – Energy - Forces doing work, Topic 9 – Forces and their effects, Topic 10 – Electricity and circuits, Topic 12 – Magnetism and the motor effect, Topic 13 – Electromagnetic induction, Topic 14 – Particle model, Topic 15 – Forces and matter

### Assessment overview

A mixture of different question styles, including multiple-choice questions, short answer questions, calculations and extended open-response questions.

Calculators may be used in the examination. Information on the use of calculators during the examinations for this qualification can be found in *Appendix 11: Calculators*.

# Assessment

- Students will be required to answer all questions on all papers
- The assessment structure will be the same for both foundation and higher tiers
- Triple students the exams are 100 marks and the exams are 1 hour 45 minutes long

# Where do I go to improve my Science?

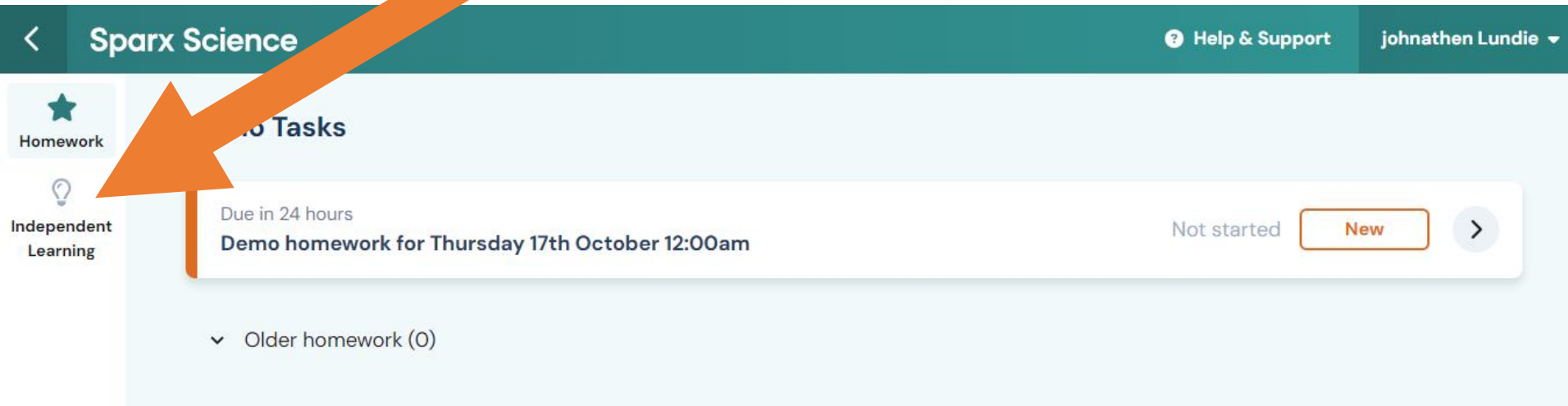
Sparx Science – independent learning



# Where do I go to improve my Science?

Sparx – independent learning

Here it is!



The screenshot shows the Sparx Science user interface. At the top, there is a teal header bar with a back arrow, the text "Sparx Science", a "Help & Support" link with a question mark icon, and the user name "Johnnathen Lundie" with a dropdown arrow. Below the header, there is a sidebar on the left with two options: "Homework" (with a star icon) and "Independent Learning" (with a lightbulb icon). The main content area is titled "Tasks" and displays a homework task card. The card includes the text "Due in 24 hours", "Demo homework for Thursday 17th October 12:00am", "Not started", a "New" button, and a right arrow button. Below the task card, there is a section for "Older homework (0)" with a dropdown arrow.

# Where do I go to improve my Science?

Sparx – independent learning

Selection of questions  
tailored to your weaknesses  
identified from your previous work

## Personal practice

Let Sparx choose practice questions for you, based on what you've done in your homework.



Start >

## Choose a topic

Search topics:



Level:

Level 2

(Default) ▾

Curriculum:

KS3




▾  Biology

Practise >

▾  Chemistry

Practise >

▾  Physics

Practise >

# Where do I go to improve my Science?

Sparx – independent learning

## Personal practice

Let Sparx choose practice questions for you, based on what you've done in your homework.



Start >

Pick topics to focus on ahead of specific assessments

## Choose a topic

Search topics:



Level:

**L** (Default) ▾

Curriculum:


KS3 ▾

▾  Biology

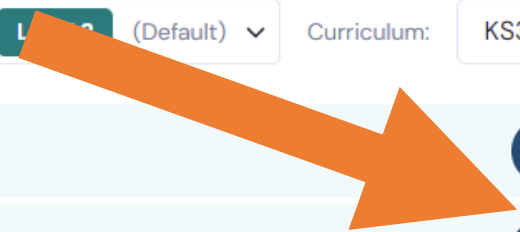
Practise >


▾  Chemistry

Practise >

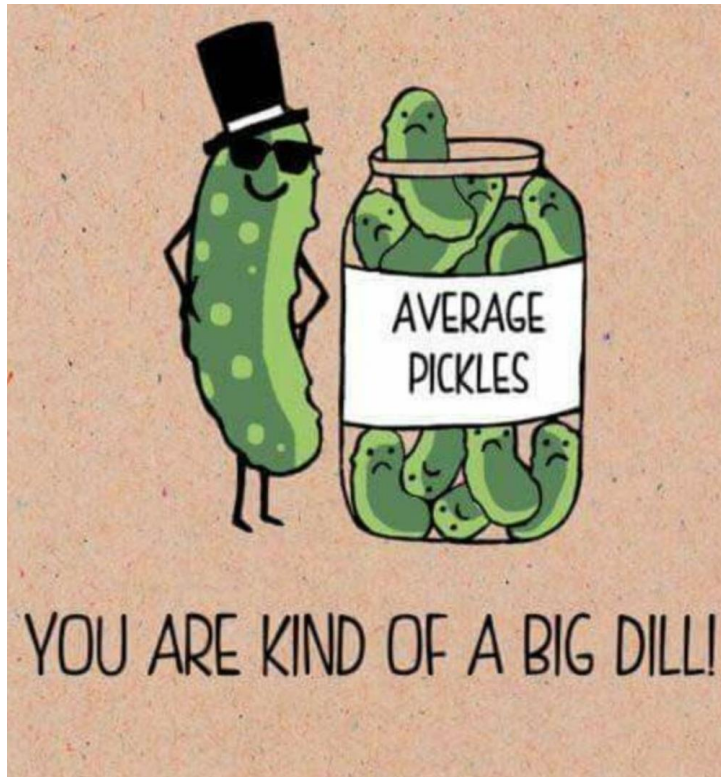
▾  Physics

Practise >





Remember the best way to revise science is to do it. The more papers/questions you do the easier it will be in the real thing



Please contact  
your Science  
teacher  
if you need  
anything.

Good luck! From  
the Science Team