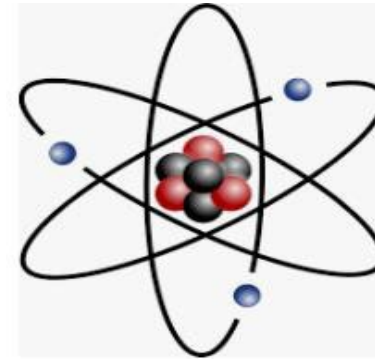


**STA**

**ST ANDREW  
THE APOSTLE**



**The Science Department**

How can you support your  
child in GCSE Science?

# Homework

The majority of homework is set on Carousel or as exam questions.

There are information sheets you can collect to get more information.

# Homework

## DEMO

QUIZ BY MISS MSRAR  
CLASS: DEMO CLASS

FIRST NAME

Enter your first name

LAST NAME

Enter your last name

LOGIN

4 COMING UP!

What is an organelle?

A small structure found within a cell

[HIDE ANSWER](#) ↻

WRONG

I GOT THIS...

NEARLY  
RIGHT

RIGHT

# Homework

YOUR ANSWER

a small strucutre

CORRECT ANSWER

A small structure found within a cell



Based on the correct answer, do you think you have answered this correctly?

PREVIOUS

NO, I WAS WRONG

YES, I'M CORRECT

# Homework

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	TOTAL	%
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	100%
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	100%
✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	90%
✓	✓	✗	✓	✓	✗	✓	✓	✓	✓	8	80%
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	100%
✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	90%
✓	✗	✓	✓	✓	✗	✓	✓	✓	✓	8	80%
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	100%
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	100%
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	100%
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	100%
25	26	27	28	26	23	28	25	28	27	26.3	93%
89%	92%	96%	100%	92%	82%	100%	89%	100%	96%		

# Separate Science (AQA)

## 3 Separate GCSE qualifications

- Biology
- Chemistry
- Physics

6 exams total

1hr 45

100 marks

**Grades:**

9-3

*Where we think students will benefit more from doing a different tier we will contact parents to discuss this further*

# Combined Science (AQA)

## **2 GCSE qualifications**

- Average Paper 1  
Grade
- Average Paper 2  
Grade

**6 exams total**

**1hr 15**

**70 marks**

**Grades:**

**Higher 9-9 to 4-3**

**Foundation 55 to 1-1**

*Where we think students will benefit more from doing a different tier we will contact parents to discuss this further*

Both courses will allow  
students to study  
A Level Sciences



# Mock 1

## **Paper 1**

**One paper  
for each  
science**

**3 exams total**

**1hr 15/ 1hr 45 (triple)**

**70 marks/ 100 marks (triple)**

# Intervention

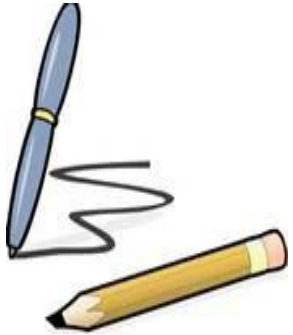
Day and times have been sent to the parents of the children selected.

Attendance is compulsory. Week 1 –

56% non-attendance

Week 2 – 43% non-attendance

# Equipment



**Black pens, pencils (at least two of each)**



**A ruler (30cm) and protractor**

**Calculator – scientific, like the one used for Maths**



# Useful Resources

## 4.1.1.5 Microscopy

### Content

Students should be able to:

- understand how microscopy techniques have developed over time
- explain how electron microscopy has increased understanding of sub-cellular structures.

Limited to the differences in magnification and resolution.

An electron microscope has much higher magnification and resolving power than a light microscope. This means that it can be used to study cells in much finer detail. This has enabled biologists to see and understand many more sub-cellular structures.

<https://filestore.aqa.org.uk/resources/science/specifications/AQA-8464-SP-2016.PDF>

• BBC GCSE Bitesize:

- <https://www.bbc.co.uk/bitesize/subjects/zrkw2hv>
- Seneca Learning: <https://senecalearning.com/en-GB/>
  - Save my exams: [www.savemyexams.co.uk](http://www.savemyexams.co.uk)

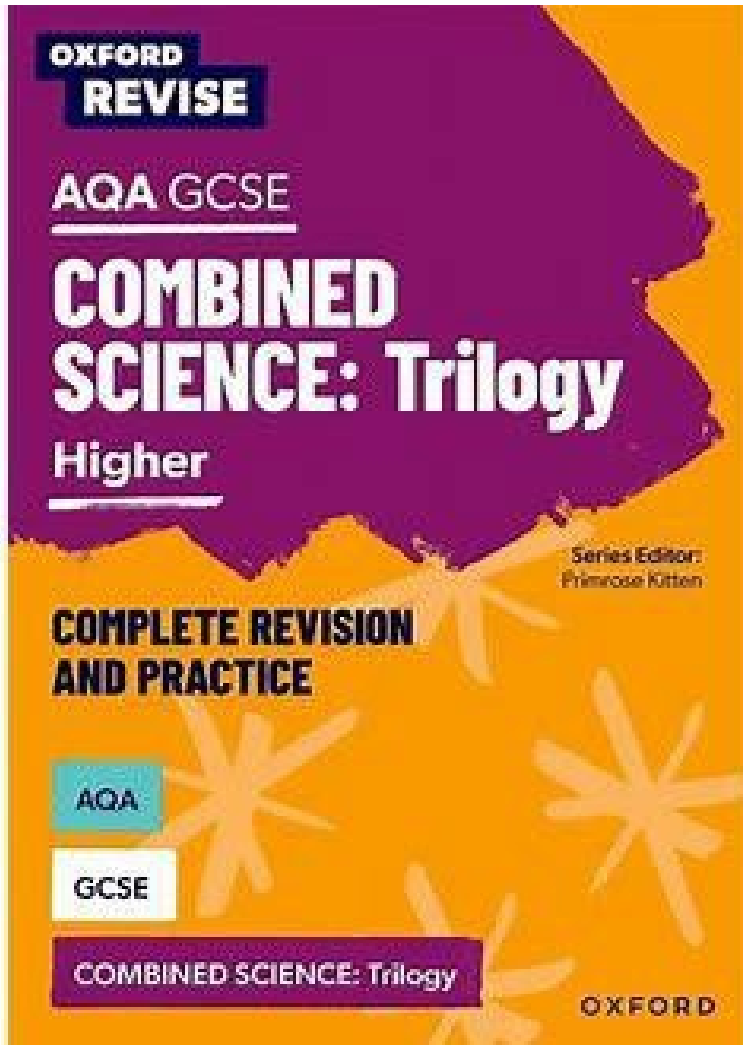
• Past Papers

- [www.aqa.org.uk/find-past-papers-and-mark-schemes](http://www.aqa.org.uk/find-past-papers-and-mark-schemes)
- <https://www.physicsandmathstutor.com/past-papers/>
- CGP revision guides and workbooks can be purchased from
  - [www.cgpbooks.co.uk/secondary-books/gcse/science](http://www.cgpbooks.co.uk/secondary-books/gcse/science)

Students also have access to an online textbook on Kerboodle

[www.kerboodle.com](http://www.kerboodle.com)

# Revision Resources



Parents will be informed by letter when these resources will be available to purchase at a discounted price



YouTube: Free Science Lessons



Cognito