

## **Year 9 science 2024 exams**

You will complete 3 separate papers for each science area. Each paper will last the lesson and will be approximately 45 marks. These questions have come from past GCSE papers. The marks per question range from 1 mark to 6 marks. You will be asked to:

- recall information,
- calculate mathematical solutions.
- evaluate and compare information.
- state observations – things which you would see happening.
- plot a graph.
- describe a graph.
- give explanations.
- describe an experiment.

Please look at your Google classroom page. Here you will find fact sheets and examples of questions. At the end of the questions there is a mark scheme. Please use this to see how can write better answers.

You must read your class books from year 9 . Here are some topics to revise :

### Chemistry

Separation methods

Atomic structure

Atomic models

The periodic table

Isotopes

Group 1 ,7 and 0

### Physics

Atoms and isotopes

Nuclear radiation

Half life

Hazards and uses of radioactive emissions

Fission and fusion

Density

### Biology

Cell biology

Cell division

Transport in cells

Animal tissues

Organ systems

Digestive system

Enzymes

Food tests

Useful revision resources

Your classbook.

Fact lists – on Google classroom.

Past questions and answers – on Google classroom

BBC bite size- (key stage 4 AQA single sciences)- for example:

[Early ideas about atoms - Atomic structure - AQA - GCSE Chemistry \(Single Science\) Revision - AQA - BBC Bitesize](#)

You Tube: free science lessons

- for example, pick a topic from the list, lets say-**atomic models** and type it into You Tube- like this-- free science lessons gcse chemistry **atomic models** . You will get this:

[GCSE Chemistry Revision "The Nuclear Model" \(youtube.com\)](#)