

2023 INTERNAL EXAM: Science
Year 9



Units/booklets covered:

Biology	Chemistry	Physics
B1 Cells and body systems	C1 Atoms and the periodic table	P1 Forces and motion
B2 Respiration	C2 Particles	P2 Energy P3 Waves
B3 Genetics	C3 Chemical reactions	P4 Electricity and Magnetism

All workbooks can be found in the **year 9 Science Google Classroom** – **this QR code will take you there (if you are logged into your ALF account).**



You will be tested on:

1. Core knowledge
2. Application of the core knowledge
3. The scientific method – how we plan, conduct and analyse our experiments
4. Extended writing – these are longer questions which ask you to go into a bit more detail and write a logical answer using good spelling, punctuation and grammar.

To support your revision

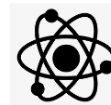
1. To deepen your knowledge use the following BBC bitesize pages. You can click on the links here or follow the links from **the year 9 Science Google Classroom**.

- Healthy diet
- Health and disease
- Gas exchange
- Anaerobic respiration
- Inheritance
- Natural selection & evolution
- Exercise & respiration
- Chemical symbols and formulae
- Atoms and molecules
- Atomic structure
- The periodic table
- Chemical reactions
- Graphs and charts
- Changes of state
- Word equations
- Acids and alkalis
- Neutralisation
- Group 1
- Force diagrams and resultant forces
- Moments
- Calculating speed
- Energy resources
- Waves
- Current and potential difference
- Energy transfers

2. Carousel Learning

Practise your core knowledge using the Carousel Learning study pack we have put together for you: just follow the link in **year 9 Science Google Classroom**, log in with your name and test yourself on the relevant core knowledge needed for this test.

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