



Year 9 Science Exams – Information and Revision Guide

Dear Parent/Carer,

The dates for the Science end of Key Stage 3 exams are as follows:

Paper 1

Tuesday 26th November Period 1 (9BUN, 9CRI, 9DAR, 9FRA, 9GER, 9HAW)

Tuesday 26th November Period 3 (9WTT, 9STE, 9PER, 9NOE, 9LIS, 9JOC)

Paper 2

Friday 29th November Period 5 (all groups)

Each paper lasts for one hour and consists of a range of questions from the entire KS3 course. The papers will be single tier and assess all levels.

Topics Covered

Biology

- Cells
- Tissues and organs
- Digestive system
- Reproductive system
- Photosynthesis
- Food chains and webs
- Variation and inheritance
- Adaptation
- Classification and keys
- Competition
- Human impact on the environment
- Reproduction

Chemistry

- Solids, liquids and gases
- Solubility and separation
- Elements, compounds and mixtures
- Chemical reactions
- Acids and alkalis
- Metals and non-metals
- Rocks and the rock cycle
- Weathering and fossils
- Particles and reactions

Physics

- Forces
- Friction and air resistance
- Speed and motion
- Pressure and moments
- Gravity and space
- Magnetism
- Energy resources
- Generating Electricity
- Electrical circuits
- Energy from food
- Sound and light
- Reflection and refraction

Sample Tests

Sample materials are available on the following website so students can see the type of exams they will be sitting:
<http://www.sats-papers.co.uk/sats-papers-ks3.php>

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Revision Materials

There are a range of revision materials available from lots of companies and bookshops, however CGP books do offer a good revision guide, summary book as well as practice papers and other support materials. You can find them at:

https://www.cgpbooks.co.uk/Parent/books_ks3_science

Revision Websites

There are also several suitable websites which could be used including:

<http://www.bbc.co.uk/bitesize/ks3/science/>

<https://www.samlearning.com/>

<http://lgfl.skool.co.uk/keystage3.aspx?id=93>

<http://www.bbc.co.uk/learningzone/clips/topics/secondary.shtml#science>

Further Help and Advice

Should any student need any further help or advice or finds a topic difficult to understand, they should contact their Science teacher.

Mr M Pinder

Science Achievement Leader