

Year 8 assessment week - science

- Each test will last 40 minutes .

There will be a range of questions types: multiple choice, short response (max 4 marks) and drawing graphs.

These tests have content from year 7 and 8

You must read your books and the fact sheets.

BBC bite size has good revision pages

Biology

fact sheets B1, B2, B3 and B4

[What are plant and animal cells? - BBC Bitesize](#)

[Human reproduction - Reproduction - KS3 Biology - BBC Bitesize - BBC Bitesize](#)

[What is pollination? Reproduction - KS3 Biology - BBC Bitesize - BBC Bitesize](#)

[Food chains and webs - Ecosystems and habitats - KS3 Biology – BBC Bitesize - BBC Bitesize](#)

[Changes to food webs - Ecosystems and habitats - KS3 Biology - BBC Bitesize - BBC Bitesize](#)

[Ecological sampling - Ecosystems and habitats - KS3 Biology - BBC Bitesize - BBC Bitesize](#)

[What are pyramids of numbers and biomass? Ecosystems and habitats - KS3 Biology - BBC Bitesize - BBC Bitesize](#)

[Structure and function of the gas exchange system - Respiration and gas exchange - KS3 Biology - BBC Bitesize - BBC Bitesize](#)

[What is the difference between aerobic and anaerobic respiration? - BBC Bitesize](#)

[What is respiration and gas exchange? - BBC Bitesize](#)

[Anaerobic and aerobic respiration - BBC Bitesize](#)

[What is lactic acid? Respiration and gas exchange - KS3 Biology - BBC Bitesize - BBC Bitesize](#)

Physics

Fact sheet P1, P2, P3, P4

[Introduction to forces - Forces and movement - KS3 Physics - BBC Bitesize - BBC Bitesize](#)

[Force diagrams and resultant forces - Forces and movement - KS3 Physics - BBC Bitesize - BBC Bitesize](#)

[Hooke's law - Forces and movement - KS3 Physics - BBC Bitesize - BBC Bitesize](#)

[Days, months, years and seasons guide for KS3 physics students - BBC Bitesize](#)

[Features of waves links to energy transfer guide for KS3 physics students - BBC Bitesize](#)

[Variables - Working scientifically - KS3 Science - BBC Bitesize - BBC Bitesize](#)

[Series circuits - Electricity - KS3 Physics - BBC Bitesize - BBC Bitesize](#)

[Parallel circuits - KS3 Physics - BBC Bitesize - BBC Bitesize](#)

Chemistry

Fact sheet C1, C2, C3, C4

[What is the arrangement of particles in a solid, liquid and gas? - BBC Bitesize](#)

[What are changes of state? - BBC Bitesize](#)

[Elements, compounds and mixtures - BBC Bitesize](#)

[Atoms and molecules - BBC Bitesize](#)

[Symbols and formulae - BBC Bitesize](#)

[Dissolving - BBC Bitesize](#)

[Conservation of mass - BBC Bitesize](#)

[What is the pH scale and what does it measure? - BBC Bitesize](#)

[Developing the periodic table - BBC Bitesize](#)

[The modern periodic table - BBC Bitesize](#)

[Structure of the atom - Atomic structure - AQA Synergy - GCSE Combined Science Revision - AQA Synergy - BBC Bitesize](#)