

KS3 Science

KS3 pupils follow the Science National Curriculum where they will develop scientific knowledge and conceptual understanding through the specific disciplines of Biology, Chemistry and Physics. Students will have the opportunity to develop their practical and investigative skills through 'working scientifically' and develop a sense of curiosity that will help them to answer scientific questions about the world around them. Mathematical and literacy skills are embedded in each topic area. The topics are:

Year 7

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7 Passport	Particles & Their Behaviour	Organisation	Sound	Reactions	Acids and Alkali
Cells	Forces	Elements, Atoms, & Compounds	Reproduction	Light	Space Physics

Year 8:

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Working Scientifically	The Periodic Table	Ecosystem Processes	Energy	Metals & Acids	The Earth
Health & Lifestyle	Electricity & Magnetism	Separation Techniques	Adaptation & Inheritance	Motion & Pressure	Working scientifically

How is work assessed?

- Written assessments
- End of topic tests
- Lab reports
- Homework
- End of year exam

How can you help your child?

- Check your child's homework. KS3 Science students will receive one piece weekly.
- Help with revision for end of topic tests – test them at home and ensure they have somewhere to work that is relatively free from disturbances.
- Discuss what they have done in their Science lessons

Supportive resources/websites:

www.bbc.co.uk/revision

www.scienceschool.co.uk

CGP KS3 Science Revision Guides