

Year 7 Programme of Study 2014-15

Hours per week: 3

Facilities on offer:

- 7 specialist teaching laboratories
- 2 preparation rooms
- Data logging equipment
- 30 laptops

Enrichment Opportunities:

- After school KS3 science club
- Stem activities within the curriculum
- Inter-house Science challenges
- On-line homework and support from www.kerboodle.com

In year 7 pupils will begin by learning what science is and how to work safely either independently and as a member of a team in practical situations. After they have grasped the basics their journey will begin into the amazing world of science. Discovering what plants and animals are made of, explore what happens to particles and molecules in chemical reactions, and how energy is transferred and conserved, and much...much more!

Route 1	Route 2	Route 3
Cells	Forces	Particles
Particles	Cells	Forces
Forces	Particles	Cells
Body Systems	Sound	Elements, Atoms, Compounds
Elements, Atoms, Compounds	Body Systems	Sound
Sound	Elements, Atoms, Compounds	Body Systems
Reproduction	Light	Reactions
Reactions	Reproduction	Space
Light	Acids and Alkalis	Reproduction
Acids and Alkalis	Space	Reactions
Space	Acids and Alkalis	Light

The white bands at the end of each rotation represent the point at which groups maybe adjusted. This may mean that your child moves to another group that best suits their individual needs.

Assessment Strategies

HLCs Science departments' new syllabus provider, www.kerboodle.com offers a wide range of on-line progress tasks. With three opportunities per topic to check progress, pupils are offered the chance to attempt two on-line progress quizzes, and written end of chapter test incorporating QWC style questions. These methods of assessment are used to diagnose your child's strengths and areas for improvement so support can be given.