



KS4
At KS4, students study either the **AQA GCSE Combined Science: Synergy course (8465)** to gain a double award GCSE qualification or the **AQA Entry Level Certificate pathway (5960)** to obtain an Entry Level qualification. The GCSE course consists of four 2hr, 11 min (including extra time) terminal exams, whereas the Entry Level course is comprised of a portfolio of up to six Externally-set assignments, (short tests) and up to six Teacher-devised assignments.

KS3
At KS3, pupils are introduced to the big ideas of science: forces, energy, matter, organisms and genes. Pupils also learn about working scientifically by developing an understanding of enquiry processes which are based on the skills of analysing, communicating, enquiring and solving.

Area	Forces			Energy			Matter			Organisms			Genes	
Big Idea	Forces predict motion	Fields produce forces	Energy is conserved	Electricity transfers energy	Radiation transfers energy	Structure determines properties	Reactions rearrange matter	Earth systems interact	Cells are alive	Bodies are systems	Organisms are independent	Characteristics are inherited	Species show variation	