

The Science Department

Our aim is to provide stimulating learning and challenge in a supportive and nurturing environment which facilitates the needs of all our students.

In **Key Stage 3** students follow a **2 year Scheme of Study**. This allows personalised learning through differentiation and early progression onto more challenging GCSE content. Each students has 6 periods of Science a week arranged as 3 double lessons rotating 3 teachers. **Below is an overview:**

	Teaching Staff Rotation	Teaching Topics			
		Term 1 & 2	Term 3 & 4		Term 5 & 6
		SEPT - DEC	JAN - APR		MAY-JULY
Yr 7	1	Energy resources	Cells	Variation	Env/feeding
	2	Acids/alkalis	Chemical reactions	Particles solutions	Electricity
	3	Forces	Speeding up	Reproduction	Solar system
YR 8	1	Inheritance & Variation	Digestion	Fit and Healthy Respiration	Heating and cooling
	2	Environmental chemistry	Rocks/cycle	Light & Sound	Using Chemistry & Reactivity of metals
	3	Elements compounds and mixtures	Pressure & moments	Magnets and electromagnets	Ecological relationships

KS.3	Assessment		NC Tracking Reporting
	Summative tests	Formative	
YR.7	End of each teaching Topic	Term 3 & 5	End of Term 2, 4 & 6
YR.8	End of each teaching Topic	Term 3 & 5	End of Term 2, 4 & 6

From **Year 9** all students follow **either** the **EDEXCEL Entry Level Science** pathway or **EDEXCEL Combined Science GCSE**