

# Five Year Curriculum Mapping

## Specifications

K3 Science National curriculum/ KS4 AQA combined or triple Science.

	HT1	HT2	HT3	HT4	HT5	HT6	Assessments
Y7	Tea bags and Melting chocolate.  Investigative Science	Germs and enzymes  Investigative Science	Antacids and Speed  Investigative Science	Ping pong and Photosynthesis  Investigative Science	Electricity  Investigative Science	Mixture mash up  Investigative Science	There will be a full written investigation that will be teacher assessed. Each assessment will be leveled and fed into AP's.
Y8	Magnetism and Periodic table.	Organ systems and Work	Respiration, Waves and Climate change.	Forces and Inheritance	Investigative Science	Investigative Science	3 Iterative assessments throughout the year. Used to inform AP's
Y9	B1 -Cell Biology	C1 - Atomic structure and P1 - Energy	B2 - Organisation	C2 - Bonding and P2 - Electricity	B3 – Infection and response	C3 – Quantitative Chemistry	There are 5 assessments throughout the year. Each one covers more than 1 topic and has iterative content. Each unit has an end of topic test which is optional.
Y10	B4 - -Bioenergetics C4 – Chemical changes	P4 – Atomic structure C5 – Energy changes	B5 – Homeostasis	P5 - Forces	C6 – Rates of reaction	P6 Waves B7 - Ecology	There are 4 assessments throughout the year. Each one covers more than 1 topic and has iterative content. The students sit 3 full mock exams at the end of year 10.
Y11	C9 – Chemistry of the atmosphere C10 – Using resources	B6 – Inheritance B1 full mock paper	C7 – Organic Chemistry C1 Full mock paper	REVISION. Students will sit 4 more mock exams covering papers 1 & 2			Students will sit 4 more mock exams covering papers 1 & 2