

Curriculum Map Year 10

	Autumn term 1	Autumn term 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 10	Elements, mixtures and compounds	The human body	Energy and Forces	Evolution, environment and inheritance	Chemistry in our World	Electricity, magnetism and waves
Knowledge & Skills	Separating mixtures Paper chromatography Metals and alloys Mining and extracting Recycling metals Metallic bonding and structure Properties and uses Manufacture and properties of polymers	White blood cells Vaccination Drugs and antibiotics Nervous system Reflex reactions Hormones and glands The menstrual cycle Fertility treatment Benefits and problems	Speed Speed calculations Stopping distance Reaction times Factors affecting reaction times Ionising radiation Isotopes Benefits and dangers of ionising radiation	Living and non-living environmental factors Pollution and human activity Charles Darwin Natural selection Selective breeding Sexual reproduction Asexual reproduction	Earth's atmosphere Crude oil Fractional distillation Fuels Complete combustion Incomplete combustion Human activity and the greenhouse effect Global warming and climate change Producing potable water	Electromagnetic induction Uses of electromagnets Transverse and longitudinal waves Wave properties The wave equation The electromagnetic spectrum Uses and dangers of the EM spectrum
Assessment	Retrieval practice 1 x Teacher devised activity (skills) 1 x Summative skills and knowledge assessment	Retrieval practice 1 x Teacher devised activity (skills) 1 x Summative skills and knowledge assessment	Retrieval practice 1 x Teacher devised activity (skills) 1 x Summative skills and knowledge assessment	Retrieval practice 1 x Teacher devised activity (skills) 1 x Summative skills and knowledge assessment	Retrieval practice 1 x Teacher devised activity (skills) External assessment	Retrieval practice 1 x Teacher devised activity (skills) External assessment