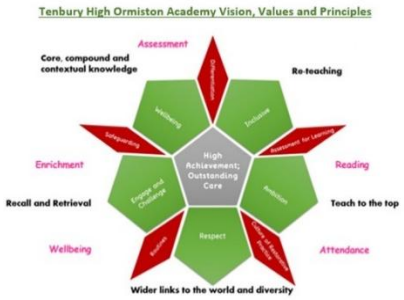
TENBURY HIGH
ORMISTON ACADEMY



Curriculum Overview for Chemistry
Year 11

Half Term 5: Paper 1 revision **Substantive Knowledge:** ➔ Atom, elements and compounds ➔ Group 1, 7 and 0 reactivity ➔ Required practicals – soluble salts and electrolysis ➔ Bonding – ionic, covalent and metallic ➔ Giant covalent bonding – graphite, graphene, carbon nanotubes, diamond ➔ Aqueous electrolsysis ➔ Triple – fuel cells ➔ Unit 3 calculations ➔ Triple – unit 3 calculations to inc % yield. Atom econ and titration Disciplinary Knowledge: • Analysis of data • Writing like a scientist • Understanding and responding to command terms • Applying concepts into different contexts		Skim and Scan of source information Decoding terms Etymology of key terms
		All units 1-5 off front sheets
		Baseline Recall questions to start every lesson End of unit assessment
		Revision Card preparation for every lesson Repetition of use of revision cards for end of unit assessment Exam questions - application
Half Term 6: Paper 2 revision **Substantive Knowledge:** ➔ Rates of reactions ➔ Chromatography ➔ Potable water RP ➔ Fractional distillation ➔ Gas tests ➔ Triple – ion tests **Disciplinary Knowledge:** • Analysis of data • Writing like a scientist • Understanding and responding to command terms • Applying concepts into different contexts		Skim and Scan of source information Decoding terms Etymology of key terms
		All unit 6-10
		Baseline Recall questions to start every lesson End of unit assessment
		Revision Card preparation for every lesson Repetition of use of revision cards for end of unit assessment Exam questions - application