Haughton Academy - Curriculum Overview : The Journey Through Our Academy

	Year 7			Year 8			Year 9			Year 10			Year 11		
	Term 1	**Term 2**	**Term 3**	**Term 1**	**Term 2**	**Term 3**	**Term 1**	**Term 2**	**Term 3**	**Term 1**	**Term 2**	**Term 3**	**Term 1**	**Term 2**	**Term 3**
Science	Introduction to Science Chemistry: The particle model **Biology**: Ecosystems **Physics**: Forces **Chemistry**: Atoms, elements and molecules	**Biology**: Cells, tissues, organs and systems **Physics**: Light **Chemistry**: Acids and alkalis **Biology**: Muscles and movement **Physics**: Fluids	**Physics**: Fluids **Chemistry**: Mixtures and separation	**Biology**: Breathing and respiration **Physics**: Electricity **Chemistry**: Combustion **Biology**: Food and nutrition	**Physics**: Energy **Chemistry**: The periodic table **Biology**: Sexual reproduction in animals	**Physics**: Sound **Chemistry**: Metals and their uses	**Biology**: Key concepts **Physics**: Key Concepts – forces and energy **Chemistry**: Key concepts Working scientifically skills	**Biology** : Genetics and evolution **Physics**: Key Concepts – forces and energy **Chemistry**: Reactivity Working scientifically skills	**Biology** : Plant growth **Physics**: Force fields and electromagnets **Chemistry**: Reactivity Working scientifically skills	**Biology**: Genetics **Physics**: Conservation of energy **Chemistry**: Calculations involving masses; Electrolytic processes; Obtaining and using metals & Reversible reactions and equilibria **Biology**: Natural selection and genetic modification	**Biology:** Natural selection and genetic modification **Physics:** Electricity and circuits **Chemistry:** Groups in the periodic table; Rates of reaction & Heat energy changes in chemical reactions **Biology:** Health, disease and the development of medicines	**Biology**: Health, disease and the development of medicines **Physics**: Waves & Light and the electromagnetic spectrum **Biology**: Animal coordination, control and homeostasis	**Physics**: Energy and forces, Forces and their effects **Chemistry**: Groups of the periodic table, rates of reaction & energy changes **Biology**: Animal coordination and homeostasis continued **Chemistry**: Fuels, Earth & atmospheric Science	**Chemistry**: Fuels, Earth & atmospheric Science **Physics**: Electricity and circuits **Biology**: Exchange and transport in animals **Physics**: Magnetism and the motor effect & Electromagnetic Induction. **Biology**: Ecosystems **Biology**: Plant structures and their functions (revision and extension)	**Revision**