

YR.8	Science <i>*Bold → Yr.9 NC</i>										
	Term 1 & 2		FLEX	Term 3	FLEX	Term 4	FLEX	Term 5 & 6			
Biol 	8A. Food & digestion - Nutrients - Uses of nutrients - Balanced diets - Digestion - Absorption <i>Assessment preparation</i>			8C. Breathing & respiration - Aerobic respiration - Gas exchange system - Getting oxygen - Comparing gas exchange - Anaerobic respiration <i>Assessment preparation</i>			8B. Plant reproduction - Classification & biodiversity - Types of reproduction - Pollination - Fertilisation & dispersal - Germination & growth <i>Assessment preparation</i>			8D. Unicellular organisms - Unicellular or multicellular - Microscopic fungi - Bacteria - Protoctists - Decomposers & carbon <i>Assessment preparation</i>	
Chem 	8F. Periodic Table - Atomic structure theory (Dalton) - Elements & modelling - Periodic Table/Mendeleev - Anomalies in results - oxidation - Chemical trends – <i>Alkali Metals*</i> - Physical trends <i>Introduction to Isotopes/Ions*</i> <i>Assessment preparation</i>			8E. Combustion - Burning fuels - food - Candle burning - Oxygen/Priestly Recap - Oxidation of metals - Fire safety - Air pollution – <i>smoking*</i> - Global Warming <i>Assessment preparation</i>			8G. Metals & their uses - Metal properties - Metals and acids - Metals and water <i>Metal ions (Intro)*</i> <i>Reactivity series*</i> <i>Displacement reactions*</i> - Corrosion & Oxidation of metals <i>Metal ores (smelting)*</i> - Metal alloys <i>Assessment preparation</i>			8H. Rocks & material - Rocks & their uses - Igneous - Metamorphic - Weathering & erosion - Sedimentary rocks - Materials in the Earth <i>Materials*</i> <i>Recycling*</i> <i>Assessment preparation</i>	
Phys 	8J. Light - Light on the move - Reflection - Refraction - Cameras & eyes - Colour <i>Assessment preparation</i>			8L. Earth & Space - Solar System/planets - Seasons - Magnetic Earth - Gravity in Space - Beyond the Solar System/Galaxies <i>Assessment preparation</i>			8I. Fluids - The Particle model - Changing states - Pressure in fluids - Floating/sinking - Drag <i>Assessment preparation</i>			8K. Energy transfer - Temperature changes - Transferring energy - Controlling transfers - Power & efficiency - Paying for energy <i>Assessment preparation</i>	