

Science						Lead teacher: Mr van Gelder
			Block 1	Block 2	Block 3	Block 4
Year 7		Topic	Space, forces, Earth and the atmosphere	Pure and impure substances, nature of matter, atoms, elements and compounds	Cells and organisation, reproduction and health	Energy changes, electricity, static electricity and magnetism
		Assessment and other key info (beyond book work)	Space lander homework project, in class written assessments and end of topic test.	Element shirts project, in class written assessments and end of topic test.	Cell build project, in class written assessments and end of topic test.	Homework project, in class written assessments and end of year test.
Year 8		Topic	Photosynthesis, inheritance, chromosomes, DNA and genes	Pressure, motion, observed waves and light waves	The periodic table, chemical reactions and energetics	The skeletal & muscular systems, nutrition and digestions, gas exchange, respiration and the circulatory system
		Assessment and other key info (beyond book work)	Homework project, in class written assessments and end of topic test.	Homework project, in class written assessments and end of topic test.	Homework project, in class written assessments and end of topic test.	Homework project, in class written assessments and end of topic test.
Subject: Science			Exam Board: AQA			Lead teacher: Mr van Gelder
Year 9	Combined Science: Trilogy (AQA 9-1)	Topic:	Cell Biology, Atomic structure and the periodic table, Energy	Electricity, Organisation, infection and response, Bonding structure and the properties of matter	Particle model of matter, quantitative chemistry, atomic structure, Photosynthesis, chemical changes, energy changes	Revision for end of year exam followed by radioactivity and forces.
		Assessment and other key info (beyond book work)	6 mark questions, HW tasks, end of topic test	6 mark questions, HW tasks, end of topic test	6 mark questions, HW tasks, end of topic test	End of year exam
Subject: Science			Exam Board: Edexcel			Lead teacher: Mr van Gelder
Year 10	Combined Science (Edexcel 9-1)	Topic	Radioactivity and forces. Obtaining and using metals and calculations involving masses. Health, disease and development of medicines	Electricity and circuits. Rates of reaction, energy changes and fuels. Plant structures, transport in animals and homeostasis	Exchange and transport in animals, ecosystems. The particle model, forces and matter. Earth and atmospheric science	Exchange and transport in animals, ecosystems. The particle model, forces and matter. Earth and atmospheric science
		Assessment and other key info (beyond book work)	6 mark questions, HW tasks, end of topic test	6 mark questions, HW tasks, end of topic test	6 mark questions, HW tasks, end of topic test	Mock exam
	Separate Science	Topic	Testing foods, the brain and spinal cord, gender linked disorders, evolution, Transition metals and alloys, atom economy, titrations, Ray diagrams, lenses, nuclear fusion and fission, astronomy	Life cycle of viruses, plant defences, antibiotic resistance, plant defences, homeostasis, rotational forces, pressure, organic chemistry	Polymerisation, nanoparticles, flame test photometry, testing for ions, EM induction, The kidneys	Revision
		Assessment and other key info (beyond book work)	6 mark questions, HW tasks, end of topic test	6 mark questions, HW tasks, end of topic tests and mock exams	Mock exams	EXAMS

<b>Year 11</b>	<b>Combined Science</b>	<b>Topic</b>	Cells and control, genetics, natural selection, states of matter, ionic and covalent bonding, allotropes of carbon, Acids, Motion, forces, conservation of energy, Light and the EM spectrum, radioactivity	Health and disease, plant structures and functions, animal coordination, control and homeostasis, exchange and transport in animals, obtaining and using metals, chemical calculations, reversible reactions, rates of reaction, fuels, forces and their effects, electricity and circuits, magnetism	Ecosystems and material cycles, earth and atmosphere science, particle model, forces and motion	Revision
		<b>Assessment and other key info (beyond book work)</b>	6 mark questions, HW tasks, end of topic test	6 mark questions, HW tasks, end of topic tests and mock exams	Mock exams	<b>EXAMS</b>