

Clarity around sequencing	Main links across the curriculum	Develops on KS2 Science Curriculum Welcome to Science underpins all of the units that follow in KS3	Separating Techniques develops on the Particle Model unit (Y7)	Cells and Organisation will be developed further in Years 8 and 9 Core Chemistry will be developed further in Years 8 and 9	Fundamental Forces will be developed further in the Space Science unit (Y7) and Forces and Motion (Y9)	Reproduction and Growth develops on the Cells and Organisation unit (Y7)	Space Science develops on the Fundamental Forces unit Ecology will be developed in Years 8 and 9
	Authentic cross curricular links	Maths: Graphs, mean	Maths: Graphs, mean, range	Geography: disease Maths: equations	Maths: equations PE: speed	Maths: equations PE: speed PSHE: Sex and relationships	Geography: habitats and populations, agriculture
Vocabulary	Key words	Selected key words: Hazard, variable, qualitative, quantitative, diffusion, pressure, evaporating, condensing	Selected key words: Diffusion, pressure, evaporating, condensing, soluble, insoluble, solute, solvent, saturated	Selected key words: Organelle, mitochondria, chloroplast, pathogen, atom, element, compound, pH	Selected key words: Atom, element, compound, pH, force, Newton, Pascal, density	Selected key words: Force, Newton, Pascal, density, asexual, sexual, gamete, fertilisation	Selected key words: Satellites, gravity, orbit, hemisphere, ecosystem, biodiversity, adaptation, bioaccumulation, biomagnification
Assessment	Summative assessment	End of Unit Summative Test Formative Assessment Throughout	End of Unit Summative Test Formative Assessment Throughout	End of Unit Summative Test Formative Assessment Throughout	End of Unit Summative Test Formative Assessment Throughout	End of Unit Summative Test Formative Assessment Throughout	End of Unit Summative Test Formative Assessment Throughout
Links to the real world / careers / PD		Real world: Covid vaccine development Careers: Academic researcher, industrial chemist, pharmaceutical scientist	Real world: Careers: Academic researcher, industrial chemist, pharmaceutical scientist	Real world: IVF, cancer, medical imaging, disease, coronavirus pandemic Careers: Chemist, microbiologist, zoologist, botanist, NHS careers	Real world: Air, sea and land travel Careers: Industrial chemist, engineer, pilot	Real world: Air, sea and land travel, IVF, sex and pregnancy Careers: Engineer, pilot, nurse, gynaecologist, fertility specialist, other NHS careers	Real world: Weather, environment Careers: Astronomer, atmospheric scientist, ecologist, environmental biologist, zoo