

Curriculum Journey 2025-2026

Subject: KS3 Science



MARICOURT
CATHOLIC
HIGH SCHOOL
& SIXTH FORM CENTRE

Year 7	Half Term 1	Half term 2	Half Term 3	Half Term 4	Half term 5	Half Term 6
Topic	Intro to Science B1 Cells	B2 Skeletal and muscular system C1 The Particle model	C2 Atoms elements and compounds	C3 Pure and impure substances P1 Energy	P2 Speed	P3 Forces
Vocabulary	Magnify, Image, Focus, Organism, Cell, Cytoplasm, Nucleus, Mitochondria, Ribosomes, Vacuole, Chloroplasts, Cell wall, Membrane, Diffusion, Concentration, Rate, Specialisation	Adaptations, Tissue, Joint, Cardiac, Peristalsis, Tissue, organ, organ system, Solidify, Melt, Condense, Boil, Sublimation, Deposition, Compression, Evaporation, Pressure	Atom, Element, Compound, Mixture, Nucleus, Proton, Neutron, Electron, Electron shell, Chemical formula, Symbol formula, Bonding	Diffusion, Pure, Impure, Dissolving, Soluble, Insoluble, Solvent, Solute, Solution, Filtering, Filtrate, Residue, Distillation, Condensate, Boiling pt, Chromatography, Mobile phase, Stationary phase Energy, combustion, Energy store/transfer, Thermal, Calories, Power, Work Done	Kinetic energy, Speed, Distance, Time, Constant speed, Acceleration, Relative motion	Resultant force, Centre of mass, acceleration, balanced and unbalanced, equilibrium, Contact and Non-contact forces, Interactions, Compression, Extension, Elastic material, Spring constant, elastic limit, proportional, Systematic error, Random error, Moments, Perpendicular
Assessment	B1.1 -B1,7 MCQ B1 end of unit assessment	B2.1 – B2.3 MCQ B2 End of unit assessment C1.1 – C1.4 MCQ C1 End of unit assessment	C2.1 – C2.3 MCQ C2 End of unit assessment	C3.1 – C3.3 MCQ C3 End of unit assessment P1.1 – P1.4 MCQ P1 End of unit assessment	P2.1 – P2.2 MCQ P2 End of unit assessment	P3.1 -P3.7 MCQ P3 End of unit assessment
Links to prior learning	KS2 living things and their habitats	KS2 Animals including humans, properties and changes of materials	KS2 Properties and changes of materials	KS2 Properties and changes of materials	KS2 Forces	KS2 Forces
Catholic Social Teaching	Creation and Environment	Creation and environment	Creation and environment	Creation and environment The common good	The common good	The common good

Curriculum Journey 2025-2026

Subject: KS3 Science



MARICOURT
CATHOLIC
HIGH SCHOOL
& SIXTH FORM CENTRE

Careers and Personal Development links	Cytopathologist	Physiotherapist Particle Physicist	Chemical engineer	Analytical Chemist Renewable energy consultant	Air traffic controller	Structural engineer.
--	-----------------	---------------------------------------	-------------------	--	------------------------	-------------------------