

Curriculum Journey 2025-2026

Subject: KS3 Science



MARICOURT
CATHOLIC
HIGH SCHOOL
& SIXTH FORM CENTRE

Year 8	Half Term 1	Half term 2	Half Term 3	Half Term 4	Half term 5	Half Term 6
Topic	B3 Nutrition and digestion B4 Gas exchange	B5 Reproduction C4 Chemical reactions	C4 Chemical reactions C5 Energy changes	P4 Pressure in fluids P5 Sound	P5 Sound P6 Light	P6 Light
Vocabulary	Nutrients, protein, carbohydrate, vitamins, minerals, organ, organ system, digestion, obesity, anaemia, Diffusion, Trachea, Bronchi, Bronchioles, Alvioli	Fertilisation, Reproduction, Insemination, Zygote, Embryo, Foetus, Menstruation, Ovulation, Combustion, Acid, Alkali, Neutral, Thermal Decomposition	Melt, Boil, Condense, Solidify, Evaporate, Sublimate, Deposit, Endothermic, Exothermic, Bonding, Mean, Range, Concentration	Pressure, Volume, Density, collisions, Upthrust, Weight, Buoyancy, Density,	Frequency, Ultrasound, Longitudinal, Transverse, Vacuum, Oscillation, Amplitude, Wavelength, Compression, Rarefaction, Frequency	Reflection, Transmission, Absorption, Scattering, Transparent, Translucent, Opaque, Refraction, Mediums, Boundary, Normal to, Ray
Assessment	B3.1 - B3.3 RECALL RALLY B3 end of unit assessment B4.1 – B4.3 RECALL RALLY B4 end of unit assessment	B5.1 – B5.5 RECALL RALLY B5 End of unit assessment	C4.1 – C4.5 RECALL RALLY C4 End of unit assessment C5.1 – C5.2 RECALL RALLY C5 End of unit assessment	P4.1 – P4.3 RECALL RALLY P4 End of unit assessment	P5.1 – P5.3 RECALL RALLY P5 End of unit assessment	P6.1 -P6.4 RECALL RALLY P6 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

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Careers and Personal Development links	Dietitian, Respiratory Specialist	Reproductive endocrinologist	Environmental chemist Thermodynamic engineer	Meteorologist	Sound engineer	Architectural Glass designer
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