

Mount St Joseph – A parent’s Guide to the Curriculum in Science – KS4 2017-18

Schemes of Work

Term	Year 9	Year 10	Year 11
Term 1a	Reproduction/Sampling Practical Units	Particles and Matter	Waves and Radioactivity, Monitoring Chemical Reactions
Term 1b	Density/Rate of Reaction Practical Units	Scaling Up and Elements, Compounds and Mixtures	Genes, Inheritance and Selection, Energy, Global Challenges
Term 2a	Enzymes Practical Unit	Forces and Chemical Reactions	Global Challenges
Term 2b	Hooke’s Law and Electrolysis Practical Units	Electricity and Magnetism, Organism Level Systems	Revision
Term 3a	Cell Level Systems and End-of-Year assessment	Reactions and Products, Waves and Radioactivity	Revisions and GCSE Examinations
Term 3b	Particles and Matter	End-of-Year assessment Community Level Systems	Year 11 Leave School

Skills for Development/Assessment Focus

Term	Year 9	Year 10	Year 11
Term 1a	GCSE Practical Skills	Explaining	Explaining
Term 1b	GCSE Practical Skills	Describing	Describing
Term 2a	GCSE Practical Skills	Evaluating	Evaluating
Term 2b	GCSE Practical Skills	Concluding	Concluding
Term 3a	Revision of content and skills	Revision of content and skills	Revision of content and skills
Term 3b	Revision of content and skills	Revision of content and skills	N/A

Other information/Homework/Independent study

Homework is set regularly in order to develop and embed the learning in the classroom. Homework tasks vary in their structure and complexity and are often set as a flipped learning task requirement for a future lesson. Homework tasks will cover all aspects of biology, chemistry and physics and will occasionally require pupils to carry out scientific investigation at home. Revision tasks will also be set as homework in preparation for end-of-unit tests.

NB: Please log into show my homework regularly to check set homework