

KS4 Year 10 Assessment Plan

Subject: KS4

Curriculum Intent: *Science is all around us, in the natural world and in the increasing technology and industry that we take for granted in our lives. The scientific method gives students the skills to question the world around them and validate the vast amount of information that is available to them every day, enabling them to make informed decisions now and in the future. The study of science will allow students to understand and contribute to some of the biggest issues being debated at a national and international level, such as climate change, vaccinations, antibiotic resistance, nuclear and renewable power resources, plastic waste and recycling, fracking, genetic engineering and the exploration of space.*

Specification	
Pearson Edexcel GCSE Combined Science	100% exam assessed 6 exam papers of 70 minutes each, 2 for each Biology, Chemistry and Physics. Each paper makes up 16.7% of their overall grade. In year 10 we focus on teaching Paper 2 Topics and revising and assessing Paper 1 Topics.
Pearson Edexcel Separate sciences GCSE Physics GCSE Chemistry GCSE Biology	100% exam assessed 2 exam papers of 1 hr and 45 mins each, for each science. Each paper makes up 50% of their overall grade for each science. In year 10 we focus on teaching Paper 2 Topics and revising and assessing Paper 1 Topics.

PR Points

Progress Review Point	Which assessments count towards the WAG?	Weighting
Y10 PR1	1 x Assessment (dependent on which subject taught so far) • Evolution, Health and disease, plant structures and function • Acids, Electrolysis and metal extraction • Waves and the EM spectrum Each assessment includes a topic taught in year 9 for that subject	50% Yr9 PPE 50% Yr 10 Assessment 1
Yr10 PR2 PPE	Combined: 3 x 1hr paper – 60 marks (all 3 sciences, grade comes from all 3 exams combined)	100% PPE

	Triple: 3 X 1hr 45min paper – 100 marks per subject (B/C/P)	
	These will be based on Paper 1 Topics only	

Subject areas and carousel of subject content

Year 10 Combined and **Triple** Science Topics

Biology	Chemistry	Physics
Biology Yr9 recap	Chemistry Yr9 recap	Physics Yr9 recap
Plant structures & functions	Metal extraction & electrolysis	Electricity
Animal co-ordination & control	Rates of reaction	Magnetism
Ecosystems & materials*	Groups of the Periodic Table	Astronomy*
	Fuels*	

*Topics highlighted in bold above will only be completed by Triple Science students.