

KS4 Year 9 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 9 we focus on teaching and assessing Paper 1 Topics for each science.
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 9 we focus on teaching and assessing Paper 1 Topics for each science

PR Points

Progress Review Point	Which assessments count towards the WAG?	Weighting
Y9 PR1	Students will complete an assessment dependent on the science they are studying at the time. Topics for each assessment can be found below. • Biology - Key concepts in Biology, cells and control, Genetics • Chemistry - Key concepts in Chemistry 1 and 2 • Physics - Energy, motion and forces Students will complete an assessment within each subject, this will add towards a cumulative average score. This will make up each students working at grade across the year. If a student misses an assessment no score is recorded so it does not add to their total in anyway	100% assessment.
Yr9 PR2	Combined Science:	100% PPE

	Each student will complete 2 out of the 3 exam papers (1 x Biology, 1 x Chemistry, 1 x Physics) Each will consist of questions on the topics that have been taught this year. A full list of topics can be found at the bottom of this document. Triple Science: Each student will complete 3 exam papers (1 x Biology, 1 x Chemistry, 1 x Physics) Each will consist of questions on the topics that have been taught this year. A full list of topics can be found at the bottom of this document.	
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Subject areas and carousel of subject content

Year 9 Combined and Triple Science Topics

Biology	Chemistry	Physics
Key concepts in Biology	States of matter & separation techniques	Energy
Cells & control	Key concepts in Chemistry 1	Waves & the EM spectrum
Genetics	Key concepts in Chemistry 2	Motion & Forces
Evolution	Quantitative chemistry 1	Radioactivity*
Health & Disease*	Acids	
	Quantitative chemistry 2*	

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