



Year 11 Comb Sci - Curriculum Overview

Year 11 Combined Science- Biology

Half Term:	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topics:	4.5 Homeostasis & response	4.5 Homeostasis & response 4.6 Inheritance, Variation & Evolution	4.6 Inheritance, Variation & Evolution	4.6 Inheritance, Variation & Evolution	Revision and exams	Revision and exams
Assessment & End Points:	Homeostasis & Response STAR assessment.	Homeostasis & Response test. Inheritance, Variation & Evolution STAR assessment. Mock exams	Inheritance, Variation & Evolution test. STAR assessment. Mock exams	STAR assessment.	Exam-style questions for all GCSE topics.	Exam-style questions for all GCSE topics.

Year 11 Combined Science- Chemistry

Half Term:	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topics:	5.3 Quantitative Chemistry	5.6 Rate and extent of chemical reactions	5.7 Organic chemistry	5.9 Chemistry of the atmosphere	Revision and exams	Revision and exams
Assessment & End Points:	Quantitative Chemistry Test. Quantitative Chemistry STAR assessment.	Rate and extent of chemical reactions Test. Rates practical STAR assessment. Reversible reactions STAR Assessment. Mock exams	Organic Chemistry Test. Fractional Distillation STAR assessment. Using organic compounds STAR Assessment. Mock exams	Chemistry of the atmosphere Test. Carbon footprint STAR assessment.	Exam-style questions for all GCSE topics.	Exam-style questions for all GCSE topics.

Year 11 Combined Science- Physics

Half Term:	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topics:	4.5.1.2 Forces Introduction 4.5.1.3 Gravity & Centre of Mass 4.5.2 Work Done 4.5.1.1 Scalars & Vectors 4.5.6.1.1 distance/ displacement 4.5.1.4 Resultant Forces & Free-Body Diagrams 4.5.6.1.2 Speed 4.5.6.1.3 velocity (+ HIGHER- Circular motion) 4.5.6.1.4 Distance-time graphs 4.5.6.1.5 Acceleration ($=v-u/t$)	4.5.6.1.5 Velocity-time graphs 4.5.6.1.5 Acceleration (v^2-u^2) 4.5.6.2.1, 4.5.6.2.2 & 4.5.6.2.3 Newton's Laws 4.5.6.3 Forces and braking 4.5.7 HIGHER- Momentum 8.2.7 Required practical activity 7	4.6.1.1 Transverse and Longitudinal waves 4.6.1.2 Wave Properties 4.6.2 EM Waves- Types, Uses and dangers 8.2.8 Required practical activity 8	4.7.2.1 Electromagnetism 4.7.2.2 HIGHER Fleming's left-hand rule 4.7.2.3 HIGHER Electric motors	Revision	
Assessment & End Points:	STAR assessed task and end of topic test	Mock exam	Mock exam	STAR assessed task and end of topic test		