

Year 7 Topic and Assessment Plan



Unit	Topics	Long-term Retrieval	1 x Reading Assessment per discipline Peer, Self-Assessed	3 X PIN Extended Writing Teacher assessed	6 X Unit tests Teacher assessed	HSW – Key Investigation Work and Skills Focus – Variables, Data presentation - Conclusions
Biology	1A Micro-world 2A Reproduction 2B Variation	Starters - every lesson focussed on content taught in the previous lesson. Week and unit. Homework – spaced to include homework from previous topics. Assessment – 1-2 questions from previous units incorporated into assessments in the second half of the year.	Covid-19 Frog Reproduction	Specialised Cells	1 per half-term Recorded on Bromcom Target tackling exercises completed afterwards Unit 2 Tests will incorporate questions from Unit 1 topics. E.g. Bio 2 will also have questions on cells	Microscopes Agar plates Flower Dissection Variation in the class- Investigation
	Chemistry		1A Particles 1B Periodic Table 2A Chemical Reactions 2B Acids	Dmitri Mendeleev Birthday Endo/Exo		Particle Model Acids and Alkalis
Physics	1 Forces and their effects 2 Energy 3 Space		Speed Records Moons Mars Rover	Stopping Distances Heating the home		Speed Helicopters Investigation Friction Gas Pressure Conduction & Convection Energy in Fuels – Investigation Insulation Investigation

Year 8 Topic and Assessment Plan



Unit	Topics	Long-term Retrieval	3 x Reading Assessment Peer, Self-Assessed	3 X PIN Extended Writing Teacher assessed	6 X Unit tests Teacher assessed	HSW – Key Investigation Work and Skills Focus – methods, data analysis and evaluation
Biology	1 Human Body 2 Healthy lifestyles 3 Ecosystems	Starters - every lesson focussed on content taught in the previous lesson. Week and unit.	Joints Adaptation	Exercise?? Ecosystems	1 per half-term Recorded on Bromcom	Food tests Energy in food Exercise Heart Rate Quadrats investigation
Chemistry	1A Separating Mixtures 2 The Earth	Homework – spaced to include homework from previous topics. Assessment – 1-2 questions from previous units incorporated into assessments in the second half of the year.	Microplastics	Separating Mystery Mixture Greenhouse Effect	Target tackling exercises completed afterwards Unit 2 Tests will incorporate questions from Unit 1 topics.	Filtration and Crystallisation Distillation Chromatography Saturation and Temperature Investigation Making metal oxides Metal carbonates Investigation
Physics	1 Waves 2 Electricity and Magnets		Model Circuits Sound History	Sound V's Light	E.g. Bio 2 will also have questions on cells	Reflection Refraction *Lenses Circuit building Fruity batteries Magnetic Fields Electromagnets Investigation

Year 9 Topic and Assessment Plan September to Easter

Unit	Topics	Long-term Retrieval	3 x Literacy	3 Extended Writing Teacher assessed	4 X Unit tests Teacher assessed	HSW – Key Investigation Work and Skills
Recovery	Completion of unit content and assessments for Yr7 and Yr8 units missed or partially taught as a result of national lockdowns.	Starters - every lesson focussed on content taught in the previous lesson, previous unit and previous year.	Based on recovery unit (s)	Based on recovery unit (s)	1 per half-term Recorded on Bromcom	See relevant unit content from Yr7 and Yr8
HSW	1 Making Measurements 2 Analysing Data 3 Identifying errors 4 Drawing Graphs 5 Interpreting results		NA	NA	Target tackling exercises completed afterwards All based on GCSE AQA questions full range (Lv1 – Lv3)	Every lesson has a different key focus – enabling recovery due to reduced practical work in Yr 7 and Y8 as a result of lockdown 2020 and 2021
Biology	Research skills (reading and application) Inheritance and Diversity		DNA Discovery	Reflexes		Reflexes
Chemistry	Data interpretation skills Patterns of Reactions		Atomic Models	Reactivity		Metals and Acids Group 1 and Water Displacement reactions Investigating concentration Investigating surface area
Physics	Using practical work to develop and strengthen equation skills and graph skills. Forces in Action		Gravity	Centre of mass method Density Method		Pendulums Investigation Density Weight Hooke's law Investigation Centre of mass

After Easter Yr9 Move to GCSE Unit Content – Bioenergetics, Energy Changes and Energy

