

Remote Curriculum - Year 11 Science

How it Works:

- Find the correct week commencing row.
- Find today's day - There are up to 3 different lessons in each day – you won't run out of work.
- Chose a lesson – hold ctrl and click the chosen link.
 - If you don't recognise the work, it appears too difficult or the link doesn't load;
 - Try another task – look at the previous/next lesson or look at other days.
- Some lessons have links to PowerPoints and other resources beneath the video and/or Starter Quiz (LSQ)
- Complete any starter quizzes.
 - Write the question down
 - Write your answer down
 - Mark your answers and write down any corrections (using your purple pen)
- Watch the videos and take notes.
- Pause if/when instructed to do so to answer questions or respond.
- Complete and go onto the next one.

Week Commencing	Week	Day	Biology Hold ctrl and click	Chemistry Hold ctrl and click	Physics Hold ctrl and click
24/02/2025	22B	Monday	160 Introduction to Ecology	137 Crude Oil	175 Transverse and Longitudinal Waves 1
		Tuesday	161 Biotic and Abiotic Factors	138 Properties of Alkanes	214 Transverse and Longitudinal Waves 2
		Wednesday	073 Communities: Biotic and Abiotic Factors	139 Fractional Distillation	215 Properties of Waves
		Thursday	162 Biodiversity and Why it Matters	140 Hydrocarbons as Fuels	216 Reflection and Refraction of Waves
		Friday	166 Ecological Sampling	141 Cracking	178 Reflection of Light
03/03/2025	23A	Monday	075 Measuring Distribution and Abundance (Quadrats and Transects)	142 Structure of Alkenes	179 Refraction of Light
		Tuesday	076 Population Size: Practical	123 Endothermic and Exothermic	180 Lenses
		Wednesday	069 Interdependence	124 Energy Changes Practical	181 The Eye
		Thursday	077 Feeding Relationships	125 Energy Diagrams	176 Sound Waves
		Friday	070 Food Chains	127 Calculating the Rate of Reaction 128 Rates of Reaction from Graphs	177 Uses of Sound Waves
10/03/2025	24B	Monday	071 Food Webs	129 Effect of Temperature on Reaction Rate 131 Effect of Concentration on Reaction Rate	217 Wave Speed
		Tuesday	072 Human Impact on Food Webs	132 Catalysts	218 Electromagnetic Spectrum
		Wednesday	074 Competition and Adaptations	134 Equilibrium	219 Absorption of Infrared Radiation
		Thursday	078 Adaptations: Predator Prey Relationships	190 Ionic Bonding	220 Electromagnetic Waves and Communication
		Friday	077 Adaptations: Tropical Climates	191 Ionic Structures	061 Magnetism and Magnetic Materials
17/03/2025	25A	Monday	075 Adaptations: Cold Climates	192 Ionic Structures and Electrolysis	062 Magnetic Fields
		Tuesday	076 Adaptations: Dry Climates	118 Electrolysis 1	063 Earth's Magnetic Field and Compasses

		Wednesday	079 Adaptations Practical	119 Electrolysis 2	Seeing a Magnetic Field
		Thursday	082 Impact of Change and Maintaining Biodiversity	120 Electrolysis Practical	Uses of Magnetic Materials
		Friday	163 Deforestation	121 Extracting Aluminium	221 Magnetism and Magnetic Fields
24/03/2025	26B	Monday	081 Deforestation, Peat Bogs and Global Warming	019 Changes of State and Conservation of Mass	222 Magnetic Fields and Currents
		Tuesday	164 Climate Change Through Global Warming	213 Conservation of Mass	223 Motors
		Wednesday	080 Food Security and Sustainability	104 Reacting Masses	167 Metals
		Thursday	083 Pollution	103 Conservation of Mass and Moles	098 Metallic Bonding
		Friday	165 The Problem with Plastics	130 Collision Theory	194 Metallic Structure and Properties
31/03/2025	27A	Monday	055 Menstrual Cycle	101 Understanding Chemical Reactions	190 Ionic Bonding
		Tuesday	056 Controlling Fertility and Contraception	102 Writing Chemical Word Equations	191 Ionic Structures
		Wednesday	058 Sexual and Asexual Reproduction 1	214 Chemical Formulae	064 Static Electricity – Attraction and Repulsion
		Thursday	060 Sexual and Asexual Reproduction 2	101 Balancing Equations	065 Investigating Static Charge
		Friday	182 The Gene	215 Balancing Chemical Equations	068 Electricity as an Energy Pathway

Additional Content	184 Using Genetics: Selective Breeding	168 Comparing Reactivity 1	180 Alternating Current
	070 Selective Breeding	169 Comparing Reactivity 2	181 Electrical Power
	071 Genetic Engineering	172 Comparing Reactivity 3	182 Electrical Current and Energy Transfer
	185 Using Genetics: Cloning	170 Displacement Reactions 1	183 Electrical Energy and kWh
	072 Cloning in Plants and Animals	171 Displacement Reactions 2	184 Cables and Plugs
		112 Acids and Metals	