

# Remote Curriculum - Year 11 Science

## How it Works:

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

Week Commencing	Week	Day	Biology <b>Hold ctrl and click</b>	Chemistry <b>Hold ctrl and click</b>	Physics <b>Hold ctrl and click</b>
04/11/24	9A	Monday	<a href="#">160 Introduction to Ecology</a>	<a href="#">137 Crude Oil</a>	<a href="#">175 Transverse and Longitudinal Waves 1</a>
		Tuesday	<a href="#">161 Biotic and Abiotic Factors</a>	<a href="#">138 Properties of Alkanes</a>	<a href="#">214 Transverse and Longitudinal Waves 2</a>
		Wednesday	<a href="#">073 Communities: Biotic and Abiotic Factors</a>	<a href="#">139 Fractional Distillation</a>	<a href="#">215 Properties of Waves</a>
		Thursday	<a href="#">162 Biodiversity and Why it Matters</a>	<a href="#">140 Hydrocarbons as Fuels</a>	<a href="#">216 Reflection and Refraction of Waves</a>
		Friday	<a href="#">166 Ecological Sampling</a>	<a href="#">141 Cracking</a>	<a href="#">178 Reflection of Light</a>
11/11/24	10B	Monday	<a href="#">075 Measuring Distribution and Abundance (Quadrats and Transects)</a>	<a href="#">142 Structure of Alkenes</a>	<a href="#">179 Refraction of Light</a>
		Tuesday	<a href="#">076 Population Size: Practical</a>	<a href="#">123 Endothermic and Exothermic</a>	<a href="#">180 Lenses</a>
		Wednesday	<a href="#">069 Interdependence</a>	<a href="#">124 Energy Changes Practical</a>	<a href="#">181 The Eye</a>
		Thursday	<a href="#">077 Feeding Relationships</a>	<a href="#">125 Energy Diagrams</a>	<a href="#">176 Sound Waves</a>
		Friday	<a href="#">070 Food Chains</a>	<a href="#">127 Calculating the Rate of Reaction</a> <a href="#">128 Rates of Reaction from Graphs</a>	<a href="#">177 Uses of Sound Waves</a>
18/11/24	11A	Monday	<a href="#">071 Food Webs</a>	<a href="#">129 Effect of Temperature on Reaction Rate</a> <a href="#">131 Effect of Concentration on Reaction Rate</a>	<a href="#">217 Wave Speed</a>
		Tuesday	<a href="#">072 Human Impact on Food Webs</a>	<a href="#">132 Catalysts</a>	<a href="#">218 Electromagnetic Spectrum</a>
		Wednesday	<a href="#">074 Competition and Adaptations</a>	<a href="#">134 Equilibrium</a>	<a href="#">219 Absorption of Infrared Radiation</a>
		Thursday	<a href="#">078 Adaptations: Predator Prey Relationships</a>	<a href="#">190 Ionic Bonding</a>	<a href="#">220 Electromagnetic Waves and Communication</a>
		Friday	<a href="#">077 Adaptations: Tropical Climates</a>	<a href="#">191 Ionic Structures</a>	<a href="#">061 Magnetism and Magnetic Materials</a>
		Monday	<a href="#">075 Adaptations: Cold Climates</a>	<a href="#">192 Ionic Structures and Electrolysis</a>	<a href="#">062 Magnetic Fields</a>

25/11/24	12B	Tuesday	<a href="#">076 Adaptations: Dry Climates</a>	<a href="#">118 Electrolysis 1</a>	<a href="#">063 Earth's Magnetic Field and Compasses</a>
		Wednesday	<a href="#">079 Adaptations Practical</a>	<a href="#">119 Electrolysis 2</a>	<a href="#">Seeing a Magnetic Field</a>
		Thursday	<a href="#">082 Impact of Change and Maintaining Biodiversity</a>	<a href="#">120 Electrolysis Practical</a>	<a href="#">Uses of Magnetic Materials</a>
		Friday	<a href="#">163 Deforestation</a>	<a href="#">121 Extracting Aluminium</a>	<a href="#">221 Magnetism and Magnetic Fields</a>
02/12/24	13A	Monday	<a href="#">081 Deforestation, Peat Bogs and Global Warming</a>	<a href="#">019 Changes of State and Conservation of Mass</a>	<a href="#">222 Magnetic Fields and Currents</a>
		Tuesday	<a href="#">164 Climate Change Through Global Warming</a>	<a href="#">213 Conservation of Mass</a>	<a href="#">223 Motors</a>
		Wednesday	<a href="#">080 Food Security and Sustainability</a>	<a href="#">104 Reacting Masses</a>	<a href="#">167 Metals</a>
		Thursday	<a href="#">083 Pollution</a>	<a href="#">103 Conservation of Mass and Moles</a>	<a href="#">098 Metallic Bonding</a>
		Friday	<a href="#">165 The Problem with Plastics</a>	<a href="#">130 Collision Theory</a>	<a href="#">194 Metallic Structure and Properties</a>
09/12/24	14B	Monday	<a href="#">055 Menstrual Cycle</a>	<a href="#">101 Understanding Chemical Reactions</a>	<a href="#">190 Ionic Bonding</a>
		Tuesday	<a href="#">056 Controlling Fertility and Contraception</a>	<a href="#">102 Writing Chemical Word Equations</a>	<a href="#">191 Ionic Structures</a>
		Wednesday	<a href="#">058 Sexual and Asexual Reproduction 1</a>	<a href="#">214 Chemical Formulae</a>	<a href="#">064 Static Electricity – Attraction and Repulsion</a>
		Thursday	<a href="#">060 Sexual and Asexual Reproduction 2</a>	<a href="#">101 Balancing Equations</a>	<a href="#">065 Investigating Static Charge</a>
		Friday	<a href="#">182 The Gene</a>	<a href="#">215 Balancing Chemical Equations</a>	<a href="#">068 Electricity as an Energy Pathway</a>
16/12/24	15A	Monday	<a href="#">183 Using Genetics: Inheritance</a>	<a href="#">216 Practicing Balancing Chemical Equations</a>	<a href="#">066 Building and Drawing Simple Circuits 1</a>
		Tuesday	<a href="#">001 Animal Cells (Eukaryotes)</a>	<a href="#">105 Deducing Balancing Numbers</a>	<a href="#">067 Building and Drawing Simple Circuits 2</a>
		Wednesday	<a href="#">007 Mitosis and the Cell Cycle</a>	<a href="#">102 Molecular Mass</a>	<a href="#">170 Energy Sources</a>
		Thursday	<a href="#">059 Mitosis and Meiosis</a>	<a href="#">041 The Model of the Atom</a>	<a href="#">171 Charges and Fields</a>
		Friday	<a href="#">061 DNA, The Human Genome and Protein Synthesis</a>	<a href="#">039 The Structure of the Atom</a>	<a href="#">172 Current and Charge</a>

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