

# Remote Curriculum

## Year 10 Science Term 1



### 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. Choose 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 then 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 your answer down
  - b. Mark your answers and write down any corrections
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 Hold ctrl and click	Chemistry Hold ctrl and click	Physics Hold ctrl and click
2/9/24	A	Monday	<a href="#">001 Animal Cells (Eukaryotes)</a>	<a href="#">123 Endothermic and Exothermic</a>	<a href="#">041 The Model of the Atom</a>
		Tuesday	<a href="#">006 Specialised Animal Cells 1</a>	<a href="#">124 Energy Changes Practical</a>	
		Wednesday	<a href="#">007 Specialised Animal Cells 2</a>	<a href="#">125 Energy Diagrams</a>	<a href="#">039 The Structure of the Atom</a>
		Thursday	<a href="#">007 Mitosis and the Cell Cycle</a>	<a href="#">127 Calculating the Rate of Reaction</a> <a href="#">128 Rates of Reaction from Graphs</a>	
		Friday	<a href="#">135 Introduction to Disease</a>	<a href="#">129 Effect of Temperature on Reaction Rate</a> <a href="#">131 Effect of Concentration on Reaction Rate</a>	
9/9/24	B	Monday	<a href="#">024 Factors Effecting Health and Disease</a>	<a href="#">132 Catalysts</a>	<a href="#">088 Sub-Atomic Particles and Isotopes</a>
		Tuesday	<a href="#">025 Lifestyle and Health</a>	<a href="#">134 Equilibrium</a>	<a href="#">167 Metals</a>
		Wednesday	<a href="#">136 Spread of Disease</a>	<a href="#">190 Ionic Bonding</a>	
		Thursday	<a href="#">030 Pathogens</a>	<a href="#">191 Ionic Structures</a>	<a href="#">098 Metallic Bonding</a>
		Friday	<a href="#">031 Communicable Diseases</a>	<a href="#">192 Ionic Structures and Electrolysis</a>	
16/9/24	A	Monday	<a href="#">032 First Line of Defence</a>	<a href="#">118 Electrolysis 1</a>	<a href="#">194 Metallic Structure and Properties</a>
		Tuesday	<a href="#">033 Immune System</a>	<a href="#">119 Electrolysis 2</a>	<a href="#">190 Ionic Bonding</a>
		Wednesday	<a href="#">034 Vaccination</a>	<a href="#">120 Electrolysis Practical</a>	<a href="#">191 Ionic Structures</a>
		Thursday	<a href="#">068 Antibiotic Resistant Bacteria</a>	<a href="#">121 Extracting Aluminium</a>	<a href="#">064 Static Electricity – Attraction and Repulsion</a>
		Friday	<a href="#">035 Drugs to Treat Diseases</a>	<a href="#">019 Changes of State and Conservation of Mass</a>	<a href="#">065 Investigating Static Charge</a>
23/09/24	B	Monday	<a href="#">036 Drug Testing</a>	<a href="#">213 Conservation of Mass</a>	<a href="#">068 Electricity as an Energy Pathway</a>

		Tuesday	<a href="#">137 Culturing Microorganisms</a>	<a href="#">104 Reacting Masses</a>	<a href="#">066 Building and Drawing Simple Circuits 1</a>
		Wednesday	<a href="#">009 Stem Cells</a>	<a href="#">103 Conservation of Mass and Moles</a>	<a href="#">067 Building and Drawing Simple Circuits 2</a>
		Thursday	<a href="#">116 Blood Groups and Transplants</a>	<a href="#">130 Collision Theory</a>	<a href="#">170 Energy Sources</a>
		Friday	<a href="#">071 Genetic Engineering and Ethics</a>	<a href="#">101 Understanding Chemical Reactions</a>	<a href="#">171 Charges and Fields</a>
30/9/24	A	Monday	<a href="#">185 Using Genetics: Cloning</a>	<a href="#">102 Writing Chemical Word Equations</a>	<a href="#">172 Current and Charge</a>
		Tuesday	<a href="#">002 Plant Cells (Prokaryotes)</a>	<a href="#">214 Chemical Formulae</a>	<a href="#">175 Current and Charge Characteristics</a>
		Wednesday	<a href="#">008 Specialised Plant Cells</a>	<a href="#">101 Balancing Equations</a>	<a href="#">176 Current and Charge Practical</a>
		Thursday	<a href="#">027 Plant Tissues and Organs</a>	<a href="#">215 Balancing Chemical Equations</a>	<a href="#">173 Potential Difference and Resistance</a>
		Friday	<a href="#">207 Tissue for Photosynthesis</a>	<a href="#">216 Practicing Balancing Chemical Equations</a>	<a href="#">154 Resistance</a>
7/10/24	B	Monday	<a href="#">117 Transport in Plants</a>	<a href="#">105 Deducing Balancing Numbers</a>	<a href="#">174 Resistance Practical</a>
		Tuesday	<a href="#">028 Transpiration</a>	<a href="#">102 Molecular Mass</a>	<a href="#">177 Light-Dependent Resistors and Thermistors</a>
		Wednesday	<a href="#">029 Translocation</a>	<a href="#">041 The Model of the Atom</a>	<a href="#">178 Series Circuits</a>
		Thursday	<a href="#">037 Introduction to Photosynthesis</a>	<a href="#">039 The Structure of the Atom</a>	<a href="#">155 Series Circuits and Kirchoff's Voltage Law</a>
		Friday	<a href="#">206 Photosynthesis</a>	<a href="#">088 Sub-Atomic Particles and Isotopes</a>	<a href="#">179 Parallel Circuits</a>
14/10/24	A	Monday	<a href="#">208 Investigating Photosynthesis 1</a>	<a href="#">059 Metals and Non-Metals</a>	<a href="#">156 Parallel Circuits and Kirchoff's Current Law</a>
		Tuesday	<a href="#">209 Investigating Photosynthesis 2</a>	<a href="#">167 Metals</a>	<a href="#">180 Alternating Current</a>
		Wednesday	<a href="#">038 Limiting Factors and Applications</a>	<a href="#">098 Metallic Bonding</a>	<a href="#">181 Electrical Power</a>
		Thursday	<a href="#">210 Limiting the Rate of Photosynthesis</a>	<a href="#">194 Metallic Structure and Properties</a>	<a href="#">182 Electrical Current and Energy Transfer</a>
		Friday	<a href="#">039 Light and the Rate of Photosynthesis</a>	<a href="#">090 Group 1</a>	<a href="#">183 Electrical Energy and kWh</a>
21/10/24	B	Monday	<a href="#">077 Tropical Plants</a>	<a href="#">108 Reactions of Metals with Oxygen</a>	<a href="#">184 Cables and Plugs</a>
		Tuesday	<a href="#">211 Storing Glucose 1</a>	<a href="#">109 Reactivity of Metals</a>	<a href="#">223 Motors</a>
		Wednesday	<a href="#">212 Storing Glucose 2</a>	<a href="#">110 Extracting Metals from Ores</a>	<a href="#">041 The Model of the Atom</a>
		Thursday	<a href="#">094 Introduction to Aerobic Respiration and Anaerobic Respiration</a>	<a href="#">121 Extraction of Aluminium</a>	
		Friday	<a href="#">041 Aerobic Respiration</a>	<a href="#">168 Comparing Reactivity 1</a> <a href="#">169 Comparing Reactivity 2</a>	<a href="#">039 The Structure of the Atom</a>