

# Remote Curriculum

## Year 10 Science

### How it Works:

1. Find the correct week commencing row.
2. Find today`s day.
3. Chose a biology, chemistry or physics task listed for that day – hold ctrl and click the chosen link.
  - a. If you don`t recognise the work, it appears too difficult or the link does not load;
    - i. Try another task – look at the previous/next lesson or look at other days to find something familiar – You won`t run out of work.
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 task or `Extension Task`



Week Commencing	Week	Day	Biology Hold ctrl and click	Chemistry Hold ctrl and click	Physics Hold ctrl and click
9/9/24	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>	
16/9/24	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>	
		Wednesday	<a href="#">136 Spread of Disease</a>	<a href="#">190 Ionic Bonding</a>	<a href="#">167 Metals</a>
		Thursday	<a href="#">030 Pathogens</a>	<a href="#">191 Ionic Structures</a>	
		Friday	<a href="#">031 Communicable Diseases</a>	<a href="#">192 Ionic Structures and Electrolysis</a>	
23/9/24	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>

30/9/24	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>
7/10/24	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>
14/10/24	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>
21/10/24	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>
4/11/24	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>
11/11/24	A	Monday	<a href="#">042 Anaerobic Respiration</a>	<a href="#">172 Comparing Reactivity 3</a>	<a href="#">040 Describing Sub-Atomic Particles in the Atom</a>
		Tuesday	<a href="#">096 Anaerobic Respiration in Yeast and Plants</a>	<a href="#">170 Displacement Reactions 1</a>	<a href="#">088 Sub-Atomic Particles and Isotopes</a>
		Wednesday	<a href="#">097 Investigation into Rate of Fermentation in Yeast</a>	<a href="#">171 Displacement Reactions 2</a>	<a href="#">217 Relative Atomic Mass and Relative Molecular Mass</a>
		Thursday	<a href="#">098 Invest into Rate of Fermentation in Yeast – Write Up</a>	<a href="#">112 Acids and Metals</a>	
		Friday	<a href="#">095 Anaerobic Respiration in Animals</a>	<a href="#">115 Preparing a Salt</a>	<a href="#">191 Radioactive Decay</a>

18/11/24	B	Monday	<a href="#">040 Use of Glucose</a>	<a href="#">103 The pH Scale</a>	<a href="#">192 Half Lives</a>
		Tuesday	<a href="#">043 Effects of Exercise on Respiration</a>	<a href="#">104 Acids and Alkalis</a>	
		Wednesday	<a href="#">099 Comparing Aerobic and Anaerobic Respiration</a>	<a href="#">105 Neutralisation Reactions</a>	<a href="#">193 Handling Radioactive Materials</a>
		Thursday	<a href="#">045 Metabolism and the Liver</a>	<a href="#">106 Neutralisation Consolidation</a>	
		Friday		<a href="#">218 Moles</a> <a href="#">219 Moles Calculation</a>	
26/11/24	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>	<a href="#">088 Sub-Atomic Particles and Isotopes</a>
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