

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
1	A	Monday	001 Animal Cells (Eukaryotes)	123 Endothermic and Exothermic	041 The Model of the Atom
		Tuesday	006 Specialised Animal Cells 1	124 Energy Changes Practical	
		Wednesday	007 Specialised Animal Cells 2	125 Energy Diagrams	039 The Structure of the Atom
		Thursday	007 Mitosis and the Cell Cycle	108 Reactions of Metals with Oxygen	
		Friday	135 Introduction to Disease	109 Reactivity of Metals	
2	B	Monday	024 Factors Effecting Health and Disease	110 Extracting Metals from Ores	088 Sub-Atomic Particles and Isotopes
		Tuesday	025 Lifestyle and Health	121 Extraction of Aluminium	
		Wednesday	136 Spread of Disease	168 Comparing Reactivity 1 169 Comparing Reactivity 2	040 Describing Sub-Atomic Particles in the Atom
		Thursday	030 Pathogens	172 Comparing Reactivity 3	
		Friday	031 Communicable Diseases	170 Displacement Reactions 1	
3	A	Monday	032 First Line of Defence	171 Displacement Reactions 2	191 Radioactive Decay
		Tuesday	033 Immune System	190 Ionic Bonding	
		Wednesday	034 Vaccination		
		Thursday	068 Antibiotic Resistant Bacteria		
		Friday	035 Drugs to Treat Diseases		
4	B	Monday	036 Drug Testing	191 Ionic Structures	068 Electricity as an Energy Pathway
		Tuesday	137 Culturing Microorganisms	192 Ionic Structures and Electrolysis	
		Wednesday	009 Stem Cells		066 Building and Drawing Simple Circuits 1

		Thursday	116 Blood Groups and Transplants		
		Friday	071 Genetic Engineering and Ethics		
5	A	Monday	185 Using Genetics: Cloning	118 Electrolysis 1	067 Building and Drawing Simple Circuits 2
		Tuesday	002 Plant Cells (Prokaryotes)		
		Wednesday	008 Specialised Plant Cells	119 Electrolysis 2	170 Energy Sources
		Thursday	027 Plant Tissues and Organs		
		Friday	207 Tissue for Photosynthesis		
6	B	Monday	117 Transport in Plants	120 Electrolysis Practical	172 Current and Charge
		Tuesday	028 Transpiration		
		Wednesday	029 Translocation	121 Extracting Aluminium	175 Current and Charge Characteristics
		Thursday	037 Introduction to Photosynthesis		
		Friday	206 Photosynthesis		
7	A	Monday	208 Investigating Photosynthesis 1	102 Writing Chemical Word Equations	173 Potential Difference and Resistance
		Tuesday	209 Investigating Photosynthesis 2		
		Wednesday	038 Limiting Factors and Applications	214 Chemical Formulae	154 Resistance
		Thursday	210 Limiting the Rate of Photosynthesis		
		Friday	039 Light and the Rate of Photosynthesis		
8	B	Monday	077 Tropical Plants	101 Balancing Equations	177 Light-Dependent Resistors and Thermistors
		Tuesday	211 Storing Glucose 1		
		Wednesday	212 Storing Glucose 2	101 Balancing Equations	155 Series Circuits and Kirchoff's Voltage Law
		Thursday	094 Introduction to Aerobic Respiration and Anaerobic Respiration		
		Friday	041 Aerobic Respiration		
9	A	Monday	042 Anaerobic Respiration	215 Balancing Chemical Equations	156 Parallel Circuits and Kirchoff's Current Law
		Tuesday	096 Anaerobic Respiration in Yeast and Plants		
		Wednesday	097 Investigation into Rate of Fermentation in Yeast	216 Practicing Balancing Chemical Equations	180 Alternating Current
		Thursday	098 Invest into Rate of Fermentation in Yeast – Write Up		
		Friday	095 Anaerobic Respiration in Animals		
10	B	Monday	040 Use of Glucose	102 Molecular Mass	182 Electrical Current and Energy Transfer
		Tuesday	043 Effects of Exercise on Respiration		
		Wednesday	099 Comparing Aerobic and Anaerobic Respiration	218 Moles	183 Electrical Energy and kWh
		Thursday	045 Metabolism and the Liver		
		Friday			