

Remote Curriculum

Year 9 Science

How it Works:

1. Find the correct week commencing row.
2. Find today's day.
3. Chose a '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	Title	Task Hold ctrl and click	Extension Tasks Hold ctrl and click
9/9/24	A	Monday	Cell Structure and Transport	005 Microscopes	Microscopes
		Tuesday		003 Light Microscopes	006 Microscopy Practical
		Wednesday	Atomic Structure and Periodic Table	056 Elements and Compounds	084 Atoms, Elements and Compounds
		Thursday	Energy	102 Writing Chemical Word Equations	099 Particle Theory
				Energy Stores and Transfers	Conservation of Energy
Friday	161H Energy Stores	012 Conservation of Energy			
16/9/24	B	Monday	Cell Structure and Transport	005 Magnification	Magnification and Resolution
		Tuesday		001F Eukaryotic and Prokaryotic Cells	Prokaryotic and Eukaryotic Cells
		Wednesday	Atomic Structure and Periodic Table	101 Balancing Equations	215 Balancing Chemical Equations
		Thursday	Energy	080 Elements, Mixtures and Compounds	214 Chemical Formulae
				014 Comparing Amounts of Energy in Stores	Conservation of Energy
Friday	015 Energy from Food				
23/9/24	A	Monday	Cell Structure and Transport	002F Animal and Plant Cells	Cell Structures
		Tuesday		001 Animal Cells (Eukaryotes)	Cellular Structures
		Wednesday	Atomic Structure and Periodic Table	083 Separating Mixtures: Distillation	084 Separating Mixtures: Fractional Distillation
		Thursday	Energy	085 Separating Mixtures: Chromatography	082 Separating Mixtures: Evaporation
				011 Energy Transfers	Radiation
Friday	013 Describing Energy Transfers	Insulation			
30/9/24	B	Monday	Cell Structure and Transport	002 Plant Cells (Prokaryotes)	Specialised Animal Cells
		Tuesday	006 Specialised Animal Cells 1		

		Wednesday	Atomic Structure and Periodic Table	039 The Structure of the Atom	086 Atomic Model
		Thursday	Energy	041 The Model of the Atom	088 Sub-Atomic Particles and Isotopes
		Friday		016 Rate of Energy Transfer	0169H Energy Transfer and Wasted Energy
7/10/24	A	Monday	Cell Structure and Transport	007 Specialised Animal Cells 2	Specialised Cells
		Tuesday		008 Specialised Plant Cells	
		Wednesday	Atomic Structure and Periodic Table	126 Electron Shells	095 Covalent Bonding
		Thursday	Energy	127 Electron Configuration	093 Ionic Bonding
		Friday		010 Systems, Energy and Work	Power and Energy
14/10/24	B	Monday	Cell Structure and Transport	009 Stem Cells	183 Using Genetics: Inheritance
		Tuesday		185 Using Genetics: Cloning	
		Wednesday	Atomic Structure and Periodic Table	058 The Periodic Table	089 History of the Periodic Table
		Thursday	Energy	189 The Periodic Table and the Atom	060 Developing the Periodic Table 1
		Friday		165H Work	197H Work Done
21/10/24	A	Monday	Cell Structure and Transport	008 Diffusion	How is Oxygen Transported Round the Body?
		Tuesday		009 Exchanging Materials	
		Wednesday	Atomic Structure and Periodic Table	059 Metals and Non-Metals	121 Extraction of Aluminium
		Thursday	Energy	167 Metals	195 Gravity and Weight
		Friday		166H Power	093 Gravity
4/11/24	B	Monday	Cell Structure and Transport	112 Breathing and Gas Exchange	Diffusion and Gas Exchange
		Tuesday		010 Osmosis 1	
		Wednesday	Atomic Structure and Periodic Table	108 Reactions of Metals with Oxygen	096 Simple Molecules
		Thursday	Energy	109 Reactivity of Metals	110 Extracting Metals from Ores
		Friday		164 Gravitational Potential Energy	045 Newton`s First Law
11/11/24	A	Monday	Cell Structure and Transport	162 Kinetic Energy	046 Newton`s Second Law
		Tuesday		011 Osmosis 2	012 Active Transport
		Wednesday	Atomic Structure and Periodic Table	090 Group 1	168 Comparing Reactivity 1
		Thursday	Energy	091 Group 7	169 Comparing Reactivity 2
		Friday		163 Elastic Energy	044 Newton`s Third Law
18/11/24	B	Monday	Cell Structure and Transport	200 Elastic Potential Energy	119 Hooke`s Law
		Tuesday		007 Mitosis and the Cell Cycle	059 Mitosis and Meiosis
		Wednesday	Atomic Structure and Periodic Table	092 Transition Elements	170 Displacement Reactions 1
		Thursday	Energy	Burning Fuel for Energy	171 Displacement Reactions 2
		Friday		Energy in the Home	202 Hooke`s Law 1
26/11/24	A	Monday	Cell Structure and Transport	203 Hooke`s Law 2	Microscopes
		Tuesday		005 Microscopes	003 Light Microscopes
		Wednesday	Atomic Structure	056 Elements and Compounds	084 Atoms, Elements and Compounds

		and Periodic Table	102 Writing Chemical Word Equations	099 Particle Theory	
		Thursday	Energy Stores and Transfers	Conservation of Energy	
		Friday	161H Energy Stores	012 Conservation of Energy	
2/12/24	B	Monday	005 Magnification	Magnification and Resolution	
		Tuesday	001F Eukaryotic and Prokaryotic Cells	Prokaryotic and Eukaryotic Cells	
		Wednesday	Atomic Structure and Periodic Table	101 Balancing Equations	215 Balancing Chemical Equations
				080 Elements, Mixtures and Compounds	214 Chemical Formulae
		Thursday	Energy	014 Comparing Amounts of Energy in Stores	Conservation of Energy
Friday	015 Energy from Food				
9/12/24	A	Monday	002F Animal and Plant Cells	Cell Structures	
		Tuesday	001 Animal Cells (Eukaryotes)	Cellular Structures	
		Wednesday	Atomic Structure and Periodic Table	083 Separating Mixtures: Distillation	084 Separating Mixtures: Fractional Distillation
				085 Separating Mixtures: Chromatography	082 Separating Mixtures: Evaporation
		Thursday	Energy	011 Energy Transfers	Radiation
Friday	013 Describing Energy Transfers	Insulation			
16/12/24	B	Monday	002 Plant Cells (Prokaryotes)	Specialised Animal Cells	
		Tuesday	006 Specialised Animal Cells 1		
		Wednesday	Atomic Structure and Periodic Table	041 The Model of the Atom	088 Sub-Atomic Particles and Isotopes
		Thursday	Energy	016 Rate of Energy Transfer	Conduction
		Friday		169H Energy Transfer and Wasted Energy	