

Remote Curriculum

Year 9 Science

How it Works:

1. Find the correct week commencing row.
2. Find today's day.
3. Choose the lesson – 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 a Starter Quiz
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
15/4/24	B	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
				102 Writing Chemical Word Equations	099 Particle Theory
		Thursday	Energy	Energy Stores and Transfers	Conservation of Energy
Friday	161H Energy Stores	012 Conservation of Energy			
22/4/24	A	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
				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				
29/4/24	B	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
				085 Separating Mixtures: Chromatography	082 Separating Mixtures: Evaporation
		Thursday	Energy	011 Energy Transfers	Radiation
Friday	013 Describing Energy Transfers	Insulation			
6/5/24	A	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
				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	
13/5/24	B	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
				127 Electron Configuration	093 Ionic Bonding
		Thursday	Energy	010 Systems, Energy and Work	Convection
Friday	Power and Energy				
20/5/24	A	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
				189 The Periodic Table and the Atom	060 Developing the Periodic Table 1
		Thursday	Energy	165H Work	Gears, Levers and Pulleys
Friday	197H Work Done				
3/6/24	B	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
				167 Metals	
		Thursday	Energy	166H Power	195 Gravity and Weight
Friday	093 Gravity	107 Newton`s Laws			
10/6/24	A	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
				109 Reactivity of Metals	110 Extracting Metals from Ores
		Thursday	Energy	164 Gravitational Potential Energy	045 Newton`s First Law
Friday	162 Kinetic Energy	046 Newton`s Second Law			
17/6/24	B	Monday	Cell Structure and Transport	011 Osmosis 2	How do Humans Digest Food?
		Tuesday		012 Active Transport	
		Wednesday	Atomic Structure and Periodic Table	090 Group 1	168 Comparing Reactivity 1
				091 Group 7	169 Comparing Reactivity 2
		Thursday	Energy	163 Elastic Energy	044 Newton`s Third Law
Friday	200 Elastic Potential Energy	119 Hooke`s Law			
24/6/24	A	Monday	Cell Structure and Transport	007 Mitosis and the Cell Cycle	184 Using Genetics: Selective Breeding
		Tuesday		059 Mitosis and Meiosis	
		Wednesday	Atomic Structure and Periodic Table	092 Transition Elements	170 Displacement Reactions 1
					171 Displacement Reactions 2
		Thursday	Energy	Burning Fuel for Energy	202 Hooke`s Law 1
Friday	Energy in the Home	203 Hooke`s Law 2			
Week Commencing	Week	Day	Title	Task Retrieval	

17/6/24	B	Monday	Molecules and Matter	187 changing state
		Tuesday	Organisation	obesity
		Wednesday	Organisation	lipids, oils and fats
		Thursday	Structure and Bonding	Small molecules
		Friday	Structure and Bonding	97 giant covalent structures
24/6/24	A	Monday	Molecules and Matter	19 changes of state and conservation of mass
		Tuesday	Organisation	20 investigating changes of state
		Wednesday	Organisation	vitamins and minerals
		Thursday	Structure and Bonding	Giant covalent molecules
		Friday	Structure and Bonding	197 macromolecular covalent structures - diamond