

Remote Curriculum - Year 8 Science

How it Works:

- Find the correct week commencing row.
- Find today's day - There are up to 3 different lessons in each day – you won't run out of work.
- Chose 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;
 - Try another task – look at the previous/next lesson or look at other days.
- Some lessons have links to PowerPoints and other resources beneath the video and/or Starter Quiz (LSQ)
- Complete any starter quizzes.
 - Write the question down
 - Write your answer down
 - Mark your answers and write down any corrections (using your purple pen)
- Watch the videos and take notes.
- Pause if/when instructed to do so to answer questions or respond.
- Complete and go onto the next one.

Week Commencing	Week	Day	Title	Task	Extension Tasks
24/02/2025	22B	Monday	Organs	What are Organs and Why do we Need Them?	001 Animal Cells (Eukaryotes)
		Tuesday		How is Oxygen Transported Round the Body?	
		Wednesday	Reactions	041 The Model of the Atom	039 The Structure of the Atom
				056 Elements and Compounds	040 Describing Sub-Atomic Particles
		Thursday	Forces	042 What are Forces 1?	012 Conservation of Energy
		Friday		What are Forces 2?	Conservation of Energy
03/03/2025	23A	Monday	Organs	111 The Respiratory System	006 Specialised Animal Cells 1
		Tuesday		023 Respiratory System Structure	
		Wednesday	Reactions	057 Using Models to Represent Elements and Compounds	084 Atoms, Elements and Compounds
				058 The Periodic Table	060 Developing the Periodic Table 1
		Thursday	Forces	043 Measuring Forces 1	010 Systems, Energy and Work
		Friday		Measuring Forces 2	047 Work Done
10/03/2025	24B	Monday	Organs	112 Breathing and Gas Exchange	007 Specialised Animal Cells 2
		Tuesday		114 The Circulatory System	
		Wednesday	Reactions	059 Metals and Non-Metals	Metals and Non-Metals
				090 Group 1 and 091 Group 7	167 Metals
		Thursday	Forces	Contact Forces	197 Work Done
		Friday		Non-Contact Forces	Gears, Levers and Pulleys
17/03/2025	25A	Monday	Organs	41 Aerobic Respiration	Diffusion and Gas Exchange
		Tuesday		Nicotine and Alcohol	
		Wednesday	Reactions	100 Chemical Changes and Physical Changes	Why Elements React
				Chemical Reactions	

		Thursday	Forces	107 Newton`s Laws	119 Hooke`s Law
		Friday		045 Newton`s First Law	202 Hooke`s Law 1
24/03/2025	26B	Monday	Organs	113 The Effects of Smoking	018 Circulatory System and Heart Structure
		Tuesday		024 Factors Effecting Health and Disease	
		Wednesday	Reactions	101 Understanding Chemical Reactions	130 Collision Theory
				168 Comparing Reactivity 1	129 Effect of Temperature on Reaction Rates
		Thursday	Forces	044 Newton`s Third Law	203 Hooke`s Law 2
		Friday		196 Resultant Forces	163 Elastic Energy
31/03/2025	27A	Monday	Organs	The Circulatory System and Exercise	The Effect of Exercise on the Muscles
		Tuesday		043 Effects of Exercise	
		Wednesday	Reactions	169 Comparing Reactivity 2	108 Reactions of Metals with Oxygen
				170 Displacement Reactions 1	109 Reactivity of Metals
		Thursday	Forces	200 Moments: Turning Forces 1	200 Elastic Potential Energy
		Friday		201 Moments: Turning Forces 2	

Additional Content		Organs	016 Digestive Enzymes	015 Amylase and pH
			015 Amylase and pH	016 Digestive Enzymes
		Reactions	110 Extracting Metals from Ores	87 Sub-Atomic Particles and Isotopes
			123 Endothermic and Exothermic	
		Forces	How Does a Compass Work?	Uses of Magnetic Materials
			Uses of Magnetic Materials	How Does a Compass Work?