

# Remote Curriculum - Year 8 Science



## How it Works:

1. Find the correct week commencing row.
2. Find today's day - There are up to 3 different lessons in each day – you won't run out of work.
3. Chose a lesson – hold ctrl and click the chosen link.
  - a. If you don't recognise the work, it appears too difficult or the link doesn't load;
    - i. Try another task – look at the previous/next lesson or look at other days.
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 the question down
  - b. Write your answer down
  - c. Mark your answers and write down any corrections (using your purple pen)
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 one.

Week Commencing	Week	Day	Title	Task	Extension Tasks
06/01/2025	16B	Monday	Organs	<a href="#">What are Organs and Why do we Need Them?</a>	<a href="#">001 Animal Cells (Eukaryotes)</a>
		Tuesday		<a href="#">How is Oxygen Transported Round the Body?</a>	
		Wednesday	Reactions	<a href="#">041 The Model of the Atom</a>	<a href="#">039 The Structure of the Atom</a>
				<a href="#">056 Elements and Compounds</a>	<a href="#">040 Describing Sub-Atomic Particles</a>
		Thursday	Forces	<a href="#">042 What are Forces 1?</a>	<a href="#">012 Conservation of Energy</a>
Friday	<a href="#">What are Forces 2?</a>	<a href="#">Conservation of Energy</a>			
13/01/2025	17A	Monday	Organs	<a href="#">111 The Respiratory System</a>	<a href="#">006 Specialised Animal Cells 1</a>
		Tuesday		<a href="#">023 Respiratory System Structure</a>	
		Wednesday	Reactions	<a href="#">057 Using Models to Represent Elements and Compounds</a>	<a href="#">084 Atoms, Elements and Compounds</a>
				<a href="#">058 The Periodic Table</a>	<a href="#">060 Developing the Periodic Table 1</a>
		Thursday	Forces	<a href="#">043 Measuring Forces 1</a>	<a href="#">010 Systems, Energy and Work</a>
Friday	<a href="#">Measuring Forces 2</a>	<a href="#">047 Work Done</a>			
20/01/2025	18B	Monday	Organs	<a href="#">112 Breathing and Gas Exchange</a>	<a href="#">007 Specialised Animal Cells 2</a>
		Tuesday		<a href="#">114 The Circulatory System</a>	
		Wednesday	Reactions	<a href="#">059 Metals and Non-Metals</a>	<a href="#">Metals and Non-Metals</a>
				<a href="#">090 Group 1 and 091 Group 7</a>	<a href="#">167 Metals</a>
		Thursday	Forces	<a href="#">Contact Forces</a>	<a href="#">197 Work Done</a>
Friday	<a href="#">Non-Contact Forces</a>	<a href="#">Gears, Levers and Pulleys</a>			
27/01/2025	19A	Monday	Organs	<a href="#">41 Aerobic Respiration</a>	<a href="#">Diffusion and Gas Exchange</a>
		Tuesday		<a href="#">Nicotine and Alcohol</a>	
		Wednesday	Reactions	<a href="#">100 Chemical Changes and Physical Changes</a>	<a href="#">Why Elements React</a>
		<a href="#">Chemical Reactions</a>			

		Thursday	Forces	<a href="#">107 Newton`s Laws</a>	<a href="#">119 Hooke`s Law</a>
		Friday		<a href="#">045 Newton`s First Law</a>	<a href="#">202 Hooke`s Law 1</a>
03/02/2025	20B	Monday	Organs	<a href="#">046 Newton`s Second Law</a>	<a href="#">018 Circulatory System and Heart Structure</a>
		Tuesday		<a href="#">113 The Effects of Smoking</a>	
		Wednesday	Reactions	<a href="#">024 Factors Effecting Health and Disease</a>	<a href="#">130 Collision Theory</a>
		Thursday		<a href="#">101 Understanding Chemical Reactions</a>	<a href="#">129 Effect of Temperature on Reaction Rates</a>
		Friday	Forces	<a href="#">168 Comparing Reactivity 1</a>	<a href="#">203 Hooke`s Law 2</a>
	<a href="#">044 Newton`s Third Law</a>	<a href="#">163 Elastic Energy</a>			
10/02/2025	21A	Monday	Organs	<a href="#">196 Resultant Forces</a>	<a href="#">The Effect of Exercise on the Muscles</a>
		Tuesday		<a href="#">The Circulatory System and Exercise</a>	
		Wednesday	Reactions	<a href="#">043 Effects of Exercise</a>	<a href="#">108 Reactions of Metals with Oxygen</a>
		Thursday		<a href="#">169 Comparing Reactivity 2</a>	<a href="#">109 Reactivity of Metals</a>
		Friday	Forces	<a href="#">170 Displacement Reactions 1</a>	<a href="#">200 Elastic Potential Energy</a>
	<a href="#">200 Moments: Turning Forces 1</a>				
				<a href="#">201 Moments: Turning Forces 2</a>	

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