

# Remote Curriculum

## Year 9 Science



Ivybridge

COMMUNITY COLLEGE

### 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
2/10/23	A	Monday	Cell Structure and Transport	<a href="#">005 Microscopes</a>	<a href="#">Microscopes</a>
		Tuesday		<a href="#">003 Light Microscopes</a>	<a href="#">006 Microscopy Practical</a>
		Wednesday	Atomic Structure and Periodic Table	<a href="#">056 Elements and Compounds</a> <a href="#">102 Writing Chemical Word Equations</a>	<a href="#">084 Atoms, Elements and Compounds</a> <a href="#">099 Particle Theory</a>
		Thursday	Energy	<a href="#">Energy Stores and Transfers</a>	<a href="#">Conservation of Energy</a>
		Friday		<a href="#">161H Energy Stores</a>	<a href="#">012 Conservation of Energy</a>
9/10/23	B	Monday	Cell Structure and Transport	<a href="#">005 Magnification</a>	<a href="#">Magnification and Resolution</a>
		Tuesday		<a href="#">001F Eukaryotic and Prokaryotic Cells</a>	<a href="#">Prokaryotic and Eukaryotic Cells</a>
		Wednesday	Atomic Structure and Periodic Table	<a href="#">101 Balancing Equations</a> <a href="#">080 Elements, Mixtures and Compounds</a>	<a href="#">215 Balancing Chemical Equations</a> <a href="#">214 Chemical Formulae</a>
		Thursday	Energy	<a href="#">014 Comparing Amounts of Energy in Stores</a>	<a href="#">Conservation of Energy</a>
		Friday		<a href="#">015 Energy from Food</a>	
16/10/23	A	Monday	Cell Structure and Transport	<a href="#">002F Animal and Plant Cells</a>	<a href="#">Cell Structures</a>
		Tuesday		<a href="#">001 Animal Cells (Eukaryotes)</a>	<a href="#">Cellular Structures</a>
		Wednesday	Atomic Structure and Periodic Table	<a href="#">083 Separating Mixtures: Distillation</a> <a href="#">085 Separating Mixtures: Chromatography</a>	<a href="#">084 Separating Mixtures: Fractional Distillation</a> <a href="#">082 Separating Mixtures: Evaporation</a>
		Thursday	Energy	<a href="#">011 Energy Transfers</a>	<a href="#">Radiation</a>
		Friday		<a href="#">013 Describing Energy Transfers</a>	<a href="#">Insulation</a>
30/10/23	B	Monday	Cell Structure and Transport	<a href="#">002 Plant Cells (Prokaryotes)</a>	<a href="#">Specialised Animal Cells</a>
		Tuesday		<a href="#">006 Specialised Animal Cells 1</a>	
		Wednesday	Atomic Structure and Periodic Table	<a href="#">039 The Structure of the Atom</a>	<a href="#">086 Atomic Model</a>
				<a href="#">041 The Model of the Atom</a>	<a href="#">088 Sub-Atomic Particles and Isotopes</a>

		Thursday	Energy	<a href="#">016 Rate of Energy Transfer</a>	<a href="#">Conduction</a>
		Friday		<a href="#">169H Energy Transfer and Wasted Energy</a>	
6/11/23	A	Monday	Cell Structure and Transport	<a href="#">007 Specialised Animal Cells 2</a>	<a href="#">Specialised Cells</a>
		Tuesday		<a href="#">008 Specialised Plant Cells</a>	
		Wednesday	Atomic Structure and Periodic Table	<a href="#">126 Electron Shells</a>	<a href="#">095 Covalent Bonding</a>
				<a href="#">127 Electron Configuration</a>	<a href="#">093 Ionic Bonding</a>
		Thursday	Energy	<a href="#">010 Systems, Energy and Work</a>	<a href="#">Convection</a>
		Friday		<a href="#">Power and Energy</a>	
13/11/23	B	Monday	Cell Structure and Transport	<a href="#">009 Stem Cells</a>	<a href="#">183 Using Genetics: Inheritance</a>
		Tuesday		<a href="#">185 Using Genetics: Cloning</a>	
		Wednesday	Atomic Structure and Periodic Table	<a href="#">058 The Periodic Table</a>	<a href="#">089 History of the Periodic Table</a>
				<a href="#">189 The Periodic Table and the Atom</a>	<a href="#">060 Developing the Periodic Table 1</a>
		Thursday	Energy	<a href="#">165H Work</a>	<a href="#">Gears, Levers and Pulleys</a>
		Friday		<a href="#">197H Work Done</a>	
20/11/23	A	Monday	Cell Structure and Transport	<a href="#">008 Diffusion</a>	<a href="#">How is Oxygen Transported Round the Body?</a>
		Tuesday		<a href="#">009 Exchanging Materials</a>	
		Wednesday	Atomic Structure and Periodic Table	<a href="#">059 Metals and Non-Metals</a>	<a href="#">121 Extraction of Aluminium</a>
				<a href="#">167 Metals</a>	
		Thursday	Energy	<a href="#">166H Power</a>	<a href="#">195 Gravity and Weight</a>
		Friday		<a href="#">093 Gravity</a>	<a href="#">107 Newton`s Laws</a>
27/11/23	B	Monday	Cell Structure and Transport	<a href="#">112 Breathing and Gas Exchange</a>	<a href="#">Diffusion and Gas Exchange</a>
		Tuesday		<a href="#">010 Osmosis 1</a>	
		Wednesday	Atomic Structure and Periodic Table	<a href="#">108 Reactions of Metals with Oxygen</a>	<a href="#">096 Simple Molecules</a>
				<a href="#">109 Reactivity of Metals</a>	<a href="#">110 Extracting Metals from Ores</a>
		Thursday	Energy	<a href="#">164 Gravitational Potential Energy</a>	<a href="#">045 Newton`s First Law</a>
		Friday		<a href="#">162 Kinetic Energy</a>	<a href="#">046 Newton`s Second Law</a>
4/12/23	A	Monday	Cell Structure and Transport	<a href="#">011 Osmosis 2</a>	<a href="#">How do Humans Digest Food?</a>
		Tuesday		<a href="#">012 Active Transport</a>	
		Wednesday	Atomic Structure and Periodic Table	<a href="#">090 Group 1</a>	<a href="#">168 Comparing Reactivity 1</a>
				<a href="#">091 Group 7</a>	<a href="#">169 Comparing Reactivity 2</a>
		Thursday	Energy	<a href="#">163 Elastic Energy</a>	<a href="#">044 Newton`s Third Law</a>
		Friday		<a href="#">200 Elastic Potential Energy</a>	<a href="#">119 Hooke`s Law</a>
11/12/23	B	Monday	Cell Structure and Transport	<a href="#">007 Mitosis and the Cell Cycle</a>	<a href="#">184 Using Genetics: Selective Breeding</a>
		Tuesday		<a href="#">059 Mitosis and Meiosis</a>	
		Wednesday	Atomic Structure and Periodic Table	<a href="#">092 Transition Elements</a>	<a href="#">170 Displacement Reactions 1</a>
					<a href="#">171 Displacement Reactions 2</a>
		Thursday	Energy	<a href="#">Burning Fuel for Energy</a>	<a href="#">202 Hooke`s Law 1</a>
		Friday		<a href="#">Energy in the Home</a>	<a href="#">203 Hooke`s Law 2</a>