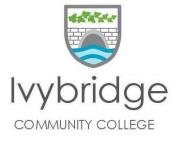
## **Remote Curriculum**

## 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
2/10/23	A	Monday	Cell Structure and	005 Microscopes	<u>Microscopes</u>
		Tuesday	Transport	003 Light Microscopes	006 Microscopy Practical
		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	Energy Stores and Transfers	Conservation of Energy
		Friday		<u>161H Energy Stores</u>	012 Conservation of Energy
9/10/23	В	Monday	Cell Structure and	005 Magnification	Magnification and Resolution
		Tuesday	Transport	001F Eukaryotic and Prokaryotic Cells	Prokaryotic and Eukaryotic Cells
		Wednesday	Atomic Structure	101 Balancing Equations	215 Balancing Chemical Equations
			and Periodic Table	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	
16/10/23	A	Monday	Cell Structure and Transport	002F Animal and Plant Cells	<u>Cell Structures</u>
		Tuesday		001 Animal Cells (Eukaryotes)	<u>Cellular Structures</u>
		Wednesday	Atomic Structure	083 Separating Mixtures: Distillation	084 Separating Mixtures: Fractional Distillation
			and Periodic Table	085 Separating Mixtures: Chromatography	082 Separating Mixtures: Evaporation
		Thursday	Energy	011 Energy Transfers	Radiation
		Friday		013 Describing Energy Transfers	Insulation
30/10/23	В	Monday	Cell Structure and	002 Plant Cells (Prokaryotes)	Specialised Animal Cells
		Tuesday	Transport	006 Specialised Animal Cells 1	
		Wednesday	Atomic Structure	039 The Structure of the Atom	086 Atomic Model
			and Periodic Table	041 The Model of the Atom	088 Sub-Atomic Particles and Isotopes



		Thursday		016 Rate of Energy Transfer	Conduction
		Friday	Energy	169H Energy Transfer and Wasted Energy	Conduction
6/11/23	A	Monday	Cell Structure and	007 Specialised Animal Cells 2	Specialised Cells
		Tuesday	Transport	008 Specialised Plant Cells	<u>specialised Cells</u>
		Wednesday	Atomic Structure	<u>126 Electron Shells</u>	095 Covalent Bonding
		weathesday	and Periodic Table	127 Electron Configuration	093 Ionic Bonding
		Thursday	Energy	010 Systems, Energy and Work	Convection
		Friday		Power and Energy	
13/11/23	В	Monday	Cell Structure and	009 Stem Cells	183 Using Genetics: Inheritance
		Tuesday	Transport	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	<u>165H Work</u>	Gears, Levers and Pulleys
		Friday		<u>197H Work Done</u>	
20/11/23	A	Monday	Cell Structure and	008 Diffusion	How is Oxygen Transported Round the Body?
		Tuesday	Transport	009 Exchanging Materials	
		Wednesday	Atomic Structure	059 Metals and Non-Metals	121 Extraction of Aluminium
20, 11, 20		· · ·	and Periodic Table	<u>167 Metals</u>	
		Thursday	Energy	<u>166H Power</u>	<u>195 Gravity and Weight</u>
		Friday		<u>093 Gravity</u>	<u>107 Newton`s Laws</u>
27/11/23	В	Monday	Cell Structure and	<u>112 Breathing and Gas Exchange</u>	Diffusion and Gas Exchange
		Tuesday	Transport	010 Osmosis 1	
		Wednesday	Atomic Structure	108 Reactions of Metals with Oxygen	<u>096 Simple Molecules</u>
			and Periodic Table	109 Reactivity of Metals	110 Extracting Metals from Ores
		Thursday	Energy Cell Structure and	164 Gravitational Potential Energy	045 Newton's First Law
		Friday		<u>162 Kinetic Energy</u>	046 Newton's Second Law
	A	Monday	Transport	011 Osmosis 2 012 Active Transport	How do Humans Digest Food?
		Tuesday	Atomic Structure	090 Group 1	168 Comparing Reactivity 1
4/12/23		Wednesday	and Periodic Table	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
11/12/23	В	Monday	Cell Structure and	007 Mitosis and the Cell Cycle	
		Tuesday	Transport	059 Mitosis and Meiosis	184 Using Genetics: Selective Breeding
			Atomic Structure	092 Transition Elements	170 Displacement Reactions 1
		Wednesday			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
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