

Remote Curriculum

Year 10 Science Term 5 and 6



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

Week Commencing	Week	Lesson	Topic	Link to Lesson
22/04/2025	B	Tuesday	Ecology	64 – Theories of evolution 65 – Natural selection
		Wednesday	Electricity in the Home	Circuits introduction
				171 – Charges and fields
		Thursday	Organic Chemistry	137 crude oil
		Friday		hydrocarbons
28/04/2025	A	Monday	Ecology	66 - Speciation
		Tuesday		67 – Fossils, extinction and evidence for evolution
		Wednesday	Electricity in the Home	172 – Current and charge
				Charge, current and time
		Thursday	Organic Chemistry	138 properties of alkanes
Friday	Alkanes - combustion			

06/05/2025	B	Tuesday	Ecology	68 – Antibiotic resistant bacteria 69 - Classification
		Wednesday	Electricity in the Home	173 – PD and resistance Components
		Thursday	Organic Chemistry	139 fractional distillation
		Friday		Fractional distillation - 2
12/05/2025	A	Monday	Ecology	Adaptations
		Tuesday		70 – Selective breeding
		Wednesday	Electricity in the Home	V=IR and I-V Graphs 174 – Resistance of a wire
		Thursday	Organic Chemistry	140 hydrocarbons as fuels
		Friday		What is combustion?
19/05/2025	B	Monday	Ecology	71 – Genetic engineering and ethics
		Tuesday		72 – Cloning in plants and animals
		Wednesday	Electricity in the Home	175 – IV characteristics 176 – Required practical IV characteristics
		Thursday	Organic Chemistry	What is methane?
		Friday		141 cracking
02/06/2025	A	Monday	Ecology	73 – Communities biotic and abiotic factors
		Tuesday		74 – Competition and adaptations
		Wednesday	Electricity in the Home	177 – LDRs and thermistors 178 – Series circuits
		Thursday	Organic Chemistry	Cracking and alkenes
		Friday		142 structure of alkenes
09/06/2025	B	Monday	Ecology	Competition and Independence
		Tuesday		Abiotic and biotic factors
		Wednesday	Electricity in the Home	Series Circuits 179 – Parallel circuits
		Thursday	Organic Chemistry	Reaction of alkenes
		Friday		Addition polymers

16/06/2025	A	Monday	Ecology	75 – Measuring distribution and abundance
		Tuesday		Abundance and distribution
		Wednesday	Electricity in the Home	Parallel circuits 180 - Alternating current
		Thursday	Organic Chemistry	alcohols
		Friday		production of ethanol
23/06/2025	B	Monday	Ecology	76 – Population size
		Tuesday		77 – Feeding relationships
		Wednesday	Electricity in the Home	AC and DC current 181 – Electrical power
		Thursday	Organic Chemistry	carboxylic acids esters
30/06/2025	A	Monday	Ecology	78 - Cycles
		Tuesday		Food chains and predator prey cycles
		Wednesday	Electricity in the Home	182 – Electrical current and energy transfer Energy and power
		Thursday	Organic Chemistry	condensation polymers
		Friday		naturally occurring polymers
07/07/2025	B	Monday	Ecology	Carbon and water cycles
		Tuesday		79 - Decomposition
		Wednesday	Electricity in the Home	183 – Electrical energy and kWh National grid
		Thursday	Organic Chemistry	213 – Conservation of mass
		Friday		214 – Chemical formulae
14/07/2025	A	Monday	Ecology	80 – Food security and sustainability
		Tuesday		81 – Deforestation, peat bogs and global warming
		Wednesday	Electricity in the Home	184 – Cables and plugs Plugs and wires
		Thursday	Organic Chemistry	215 – Balancing chemical equations
		Friday		216 – Practising balancing equations

Additional Work	Monday	Ecology	82 – Impact of change and maintaining biodiversity
	Tuesday		83 - Pollution
	Wednesday	Electricity in the Home	Fuses and earthing
	Thursday		Efficiency
	Friday	Organic Chemistry	217 – Relative atomic mass
	218 - Moles		