

Remote Curriculum

Year 10 Science Term 5&6

How it Works:

- Find the correct week commencing row.
- Find today's day.
- Chose a 'Task' listed for that day – hold ctrl and click the chosen link.
 - If you don't recognise the work, it appears too difficult or the link does not load;
 - 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.
- Some lessons have links to PowerPoints and other resources beneath the video and/or Starter Quiz (LSQ)
- Complete any starter quizzes
 - Write your answer down
 - Mark your answers and write down any corrections
- Watch the videos and take notes.
- Pause if/when instructed to do so to answer questions or respond.
- Complete and go onto the next task

Week Commencing	Week	Lesson	Topic	Link to Lesson
1	B	Monday	Ecology	64 – Theories of evolution
		Tuesday		65 – Natural selection
		Wednesday	Electricity in the Home	Circuits introduction
				171 – Charges and fields
		Thursday	Organic Chemistry	137 crude oil
		Friday		hydrocarbons
2	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
3	B	Monday	Ecology	68 – Antibiotic resistant bacteria
		Tuesday		69 - Classification
		Wednesday		173 – PD and resistance

			Electricity in the Home	<u>Components</u>
		Thursday	Organic Chemistry	<u>139 fractional distillation</u>
		Friday		<u>Fractional distillation - 2</u>
4	A	Monday	Ecology	<u>Adaptations</u>
		Tuesday		<u>70 – Selective breeding</u>
		Wednesday	Electricity in the Home	<u>V=IR and I-V Graphs</u>
				<u>174 – Resistance of a wire</u>
		Thursday	Organic Chemistry	<u>140 hydrocarbons as fuels</u>
		Friday		<u>What is combustion?</u>
5	B	Monday	Ecology	<u>71 – Genetic engineering and ethics</u>
		Tuesday		<u>72 – Cloning in plants and animals</u>
		Wednesday	Electricity in the Home	<u>175 – IV characteristics</u>
				<u>176 – Required practical IV characteristics</u>
		Thursday	Organic Chemistry	<u>What is methane?</u>
		Friday		<u>141 cracking</u>
6	A	Monday	Ecology	<u>73 – Communities biotic and abiotic factors</u>
		Tuesday		<u>74 – Competition and adaptations</u>
		Wednesday	Electricity in the Home	<u>177 – LDRs and thermistors</u>
				<u>178 – Series circuits</u>
		Thursday	Organic Chemistry	<u>Cracking and alkenes</u>
		Friday		<u>142 structure of alkenes</u>
7	B	Monday	Ecology	<u>Competition and Independence</u>
		Tuesday		<u>Abiotic and biotic factors</u>
		Wednesday	Electricity in the Home	<u>Series Circuits</u>
				<u>179 – Parallel circuits</u>
		Thursday	Organic Chemistry	<u>Reaction of alkenes</u>
		Friday		<u>Addition polymers</u>
8	A	Monday	Ecology	<u>75 – Measuring distribution and abundance</u>
		Tuesday		<u>Abundance and distribution</u>
		Wednesday	Electricity in the Home	<u>Parallel circuits</u>
				<u>180 - Alternating current</u>
		Thursday	Organic Chemistry	<u>alcohols</u>
		Friday		<u>production of ethanol</u>
9	B	Monday	Ecology	<u>76 – Population size</u>

		Tuesday		77 – Feeding relationships
		Wednesday	Electricity in the Home	AC and DC current
				181 – Electrical power
		Thursday	Organic Chemistry	carboxylic acids
		Friday		esters
10	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
11	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
12	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
13	B	Monday	Ecology	82 – Impact of change and maintaining biodiversity
		Tuesday		83 - Pollution
		Wednesday	Electricity in the Home	Fuses and earthing
				Efficiency
		Thursday	Organic Chemistry	217 – Relative atomic mass
		Friday		218 - Moles