Remote Curriculum

Year 10 - 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 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 one.

Week Commencing	Wee	Day	Biology	Chemistry	Physics
24/2/2025	A	Monday			
		Tuesday	Causes of variation	101 Balancing Equations	What is gravity
		Wednesday	61 DNA human genome, protein synthesis	215 Balancing Chemical Equations	195 gravity and weight
		Thursday	DNA - chromosomes	216 Practicing Balancing Chemical Equations	206 falling under gravity
		Friday	DNA – key terms	105 Deducing Balancing Numbers	Terminal velocity
3/3/2025	B	Monday	DNA - structure	137 crude oil	Terminal velocity 2
		Tuesday	Types of variation	hydrocarbons	211 stopping distances
		Wednesday	mutations	138 properties of alkanes	Stopping distances
		Thursday	sexual and asexual reproduction	Alkanes - combustion	212 energy changes under braking
		Friday	pros and cons of asexual reproduction	139 fractional distillation	213 momentum (HIGHER ONLY)
10/3/2025	A	Monday	meiosis	Fractional distillation - 2	198 elastic deformation
		Tuesday	genetic diagrams	140 hydrocarbons as fuels	Elasticity, spring constant
		Wednesday	family trees	What is combustion?	199 Hooke's law
		Thursday	62 inheritance key terms, Mendel and sex determination	What is methane?	201 practical extension of a spring
		Friday	Inheritance	141 cracking	Hooke's Law

17/3/2025	B	Monday	63 inherited disorders and family trees	Cracking and alkenes	Elastic potential energy
		Tuesday	Inherited disorders and embryo screening	142 structure of alkenes	pressure
		Wednesday	mendel	Reaction of alkenes	190 pressure and volume
		Thursday	variation and evolution	Addition polymers	pressure
		Friday	selective breeding	alcohols	how to show the difference between force and pressure
24/3/2025	A	Monday	Genetic conditions	production of ethanol	liquid and pressure
		Tuesday	Genetic engineering	carboxylic acids	how to weigh a floating object
		Wednesday	Cloning animals	esters	how to show pressure exists in liquids
		Thursday	Cloning plants	condensation polymers	atmospheric pressure
		Friday	Fossils and extinction	naturally occurring polymers	acceleration
31/3/2025	B	Monday	speciation	polymers	variables
		Tuesday	antibiotic resistance	Atmospheric pollution	Writing a hypothesis
		Wednesday	classification	What is carbon dioxide?	Planning an experiment
		Thursday	68 Antibiotic resistant bacteria	Resources from the Earth	Graphs and charts
		Friday			