

Walton High School Hub Curriculum

Year 10 - Science



How it works:

1. In the table, find the correct week by looking at the date in the first column.
2. Find today's work – there are three links per double lesson so you won't run out of work!
3. Choose a lesson – hold ctrl and click on the chosen link.

If the link does not work, you do not recognise the work or the work is too difficult, try another lesson.

4. Some lessons have links to PowerPoints and other resources beneath the video and/or Starter Quiz.
5. Complete any starter quizzes.
 - a. Write your answer down
 - b. Mark your answers and write down any corrections, using the videos.
6. Watch the videos and take notes.
7. Pause if/when instructed to do so to answer questions or respond.
8. When the lesson is complete, go onto the next one.

Week commencing	Day	Topic	Link to lesson
03/06/24	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
10/06/24	Monday	Ecology	75 – Measuring distribution and abundance
	Tuesday		Abundance and distribution
	Wednesday	Electricity in the Home	Parallel circuits 180 - Alternating current

	Thursday		alcohols
	Friday	Organic Chemistry	production of ethanol
17/06/24	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
24/06/24	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
01/07/24	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
08/07/24	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
15/07/24	Monday	Ecology	82 – Impact of change and maintaining biodiversity
	Tuesday		83 - Pollution
	Wednesday	Electricity in the Home	Fuses and earthing Efficiency

