

Walton High School Hub Curriculum

Year 8 - 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	Evolution and inheritance	A model of the structure of DNA
	Tuesday	Motion and pressure	Balanced and unbalanced forces
	Wednesday	The Earth	152 – Carbon footprint
	Thursday	Evolution and inheritance	DNA from fruit
	Friday	Motion and pressure	Friction

10/06/24	Monday	The Earth	82 – what is climate change?
	Tuesday	Evolution and inheritance	The discovery of the structure of DNA
	Wednesday	Motion and pressure	Reducing friction
	Thursday	The Earth	83 – what are the causes of climate change?
	Friday	Evolution and inheritance	DNA, chromosomes, genes and the genome
17/06/24	Monday	Motion and pressure	Energy
	Tuesday	The Earth	86 – why is plastic in our oceans such a problem?
	Wednesday	Evolution and inheritance	Fossils
	Thursday	Motion and pressure	Transferring energy
24/06/24	Monday	The Earth	90 – how can we deal with plastic in our oceans?
	Tuesday	Evolution and inheritance	Understanding time scales
	Wednesday	Motion and pressure	Calculating speed
	Thursday	The Earth	92 – managing plastic waste
	Friday	Evolution and inheritance	Adaptations
01/07/24	Monday	Motion and pressure	Measuring speed accurately
	Tuesday	Motion and pressure	Pressure at different depths
	Wednesday	Evolution and inheritance	Competition
	Thursday	Motion and pressure	Reading distance – time graphs

	Friday	Motion and pressure	Pressure
08/07/24	Monday	Evolution and inheritance	Heritable variation
	Tuesday	Motion and pressure	Interpreting distance – time graphs
	Wednesday	Motion and pressure	Changing the speed of a parachute
	Thursday	Evolution and inheritance	Natural selection
	Friday	Motion and pressure	Changing speed
15/07/24	Monday	Motion and pressure	Comparing the speeds of parachutes
	Tuesday	Evolution and inheritance	A model of natural selection
	Wednesday	Motion and pressure	Newton's first law