

Year 9 Science Guidance: Each fortnight below contains the links for about 2 lessons on an aspect of each of the science subjects. These lessons match with the content that will be delivered each fortnight in school. If you are unsure which lessons you should work on please send a message to your teacher through google classroom. In addition to this work all students will be set a weekly homework task on Seneca and the link will be shared through Google Classroom.

Fortnight commencing	Biology		Chemistry		Physics	
14/09/2020	Specialised Cells	https://classroom.thenational.academy/lessons/specialised-cells-74r66c	Mixtures, filtration & crystallisation	https://classroom.thenational.academy/lessons/mixtures-filtration-and-crystallisation-60u38e	Non/Renewable Energy	https://classroom.thenational.academy/lessons/non-renewable-energy-resources-6rupcd
	Microscopes and magnification	https://classroom.thenational.academy/lessons/microscopes-magnification-and-resolution-6mr38d	Separation by distillation	https://classroom.thenational.academy/lessons/separation-by-distillation-75jk2r		https://classroom.thenational.academy/lessons/renewable-energy-resources-ccu6cr
28/09/2020	Stem cells	https://classroom.thenational.academy/lessons/stem-cells-and-the-use-of-stem-cells-69gkac	Separation by chromatography	https://classroom.thenational.academy/lessons/separation-by-chromatography-69j3jr	Calculating speed distance time graphs	https://classroom.thenational.academy/lessons/speed-c5jp4t
	Cell division	https://classroom.thenational.academy/lessons/cell-cycle-and-mitosis-60r30t	Atomic structure	https://classroom.thenational.academy/lessons/atomic-structure-6crk8d		https://classroom.thenational.academy/lessons/distance-time-graphs-68rp8c
12/10/2020	Diffusion	https://classroom.thenational.academy/lessons/diffusion-61jker	Development of atomic model	https://classroom.thenational.academy/lessons/development-of-the-atomic-model-6crp2t	Stopping distance, acceleration	https://classroom.thenational.academy/lessons/stopping-distance-6wvk4c
	Investigating Diffusion	https://classroom.thenational.academy/lessons/diffusion-61jker	Isotopes	https://classroom.thenational.academy/lessons/isotopes-ccwp4c		https://classroom.thenational.academy/lessons/acceleration-60r3ar
Half term						
02/11/2020	Blood	https://classroom.thenational.academy/lessons/blood-and-blood-vessels-c8t62c	Isotopes case study	https://classroom.thenational.academy/lessons/isotopes-case-study-lesson-cguk0t	Acceleration RPA	https://classroom.thenational.academy/lessons/acceleration-rpa-part-1-6xhp2c
	Heart	https://classroom.thenational.academy/lessons/the-heart-6ct3jd	Electronic Configuration & periodic table	https://classroom.thenational.academy/lessons/electron-configuration-and-the-periodic-table-61jp4c		https://classroom.thenational.academy/lessons/acceleration-rpa-part-2-c4v3gr
16/11/2020	Blood Vessels	https://classroom.thenational.academy/lessons/blood-and-blood-vessels-c8t62c	Periodic table development	https://classroom.thenational.academy/lessons/periodic-table-development-6cwp8t	Velocity time graph, mass and weight	https://classroom.thenational.academy/lessons/velocity-time-graphs-6wr3gr
	Respiratory system	https://classroom.thenational.academy/lessons/the-lungs-ccu3ge	Why elements react	https://classroom.thenational.academy/lessons/why-elements-react-6cuk4d		https://classroom.thenational.academy/lessons/weight-mass-and-gravity-74t32d
30/11/2020	Digestive system	https://classroom.thenational.academy/lessons/digestion-cnk66c	Atoms elements compounds	https://classroom.thenational.academy/lessons/atoms-elements-and-compounds-6cv3ge	Scalars and vectors	https://classroom.thenational.academy/lessons/forces-an-introduction-cgwk0d
	Food Tests	https://classroom.thenational.academy/lessons/food-tests-61h3cd	chemical formulae and conservation of mass	https://classroom.thenational.academy/lessons/chemical-formulae-and-conservation-of-mass-6ngk4c		https://classroom.thenational.academy/lessons/resolving-forces-ht-6hgp4r
14/12/2020	Enzymes	https://classroom.thenational.academy/lessons/digestive-enzymes-6dggkr	Group 1 elements	https://classroom.thenational.academy/lessons/group-1-cdk68r	Newtons Laws	https://classroom.thenational.academy/lessons/newtons-laws-c9k3at
	Investigating Enzymes	https://classroom.thenational.academy/lessons/investigating-enzymes-60w64t	Group 7 elements	https://classroom.thenational.academy/lessons/group-7-c5h36c		https://classroom.thenational.academy/lessons/case-study-sir-isaac-newton-e9jp6g