



OAK NATIONAL ACADEMY HOME LEARNING SUPPORT YEAR 8



You currently need to do your learning from home. There are a range of resources ready for you to use on the topics you have been studying in your Science lessons. The tables below contain links to the relevant topics on the Oak National Academy website. www.thenational.academy

- Work out the last lesson you did in school and start work on the next lesson
- Click on the link and this will take you to the relevant lesson content
- You then work through all lessons unless specific lessons are indicated.
- You can also use the previous resources to recap key words, facts and concepts from previous lessons.

Lessons usually include a video explaining the main ideas and then you need to follow instructions to complete some written work. Remember, if you need extra support you can... rewatch the video, email your teacher, check another source such as BBC bitesize, message a friend.

Year 8	Term 1 and 2: You will be learning about Photosynthesis with one of your teachers and Electricity with the other teacher – make sure you look at both columns	
	Photosynthesis Topic (Biology) Then Matter Topic (physics)	Electricity topic (Physics) Then Forces 2 Topic (physics)
Lesson 1	Photosynthesis https://classroom.thenational.academy/lessons/photosynthesis-64t3cc	Circuit symbols https://classroom.thenational.academy/lessons/circuits-65hk6d
Lesson 2	Uses of Sugar https://classroom.thenational.academy/lessons/uses-of-glucose-60wkae	Current https://classroom.thenational.academy/lessons/current-and-series-circuits-68r6ad
Lesson 3	Rate of photosynthesis https://classroom.thenational.academy/lessons/rate-of-photosynthesis-6tk66t	Series and Parallel https://classroom.thenational.academy/lessons/current-and-parallel-circuits-74rk8d
Lesson 4	The leaf https://classroom.thenational.academy/lessons/the-leaf-6dh36d	Potential Difference https://classroom.thenational.academy/lessons/potential-difference-cmvkar
Lesson 5	Transport in plants https://classroom.thenational.academy/lessons/transport-in-plants-6gt66d	Resistance https://classroom.thenational.academy/lessons/resistance-c8u3ed
Lesson 6	Carbon cycle https://classroom.thenational.academy/lessons/plants-and-the-atmosphere-ccwket	Static electricity https://classroom.thenational.academy/lessons/static-electricity-6rvkjr
Lesson 7	States of matter https://classroom.thenational.academy/lessons/change-of-state-6hj66r	Magnetic fields https://classroom.thenational.academy/lessons/magnetic-fields-64up2t
Lesson 8	Density https://classroom.thenational.academy/lessons/density-c8uk4c	Electromagnetism https://classroom.thenational.academy/lessons/electromagnets-6mupct
Lesson 9	Brownian motion https://classroom.thenational.academy/lessons/diffusion-c9j64c	Levers https://classroom.thenational.academy/lessons/levers-and-pivots-ctjpcd
Lesson 10	Pressure in liquids https://classroom.thenational.academy/lessons/pressure-in-liquids-6xk6ce	Moments https://classroom.thenational.academy/lessons/moments-and-balance-part-1-60rkcr
Lesson 11	Floating https://classroom.thenational.academy/lessons/floating-and-sinking-64wk4t	Work done https://classroom.thenational.academy/lessons/work-done-part-1-ccwk6c
Lesson 12	Atmospheric pressure https://classroom.thenational.academy/lessons/atmospheric-pressure-6ww36c	Hookes Law https://classroom.thenational.academy/lessons/hookes-law-crr6at

If the link does not work, you can also explore the Oak National Academy website by following these instructions:

- Go to www.thenational.academy
- Click on 'Classroom'
- Go to either 'Find lessons', or 'Subject' at the top
- Find the year group and subject you are looking for
- Find the topic you are doing at the moment
- Watch the video and read the resources to help you understand the topic you are doing

If you need to email your teacher type their initial and surname + @montsaye.northants.sch.uk

Science:

jdoberts / lmoftett / ebates / schandler

jeglite / tgrocock / jsiddons / ajordan / apayne