

Science

The Year 7 and 8 work can be found on Class Charts. This Menu attachment on ClassCharts is also below.

[Year 7 and 8 Science Menu](#)

Resources for years 9, 10 & 11 can be found below. These are useful links and activities that you can engage with while staff are working hard to re-open the school. You only need to complete the one lesson missed on Monday. All work can be completed on paper and the blended learning can even be opened on phones.

Year 9 Biology - 2.0 Specialised Cells, you've all had a look at normal cells and microscopes. Please have a look at some new specialised cells to prepare for next lesson in school.

[Bridging Unit: Biology - Blended Learning \(d3kp6tphcrvm0s.cloudfront.net\)](#)

Year 9 Chemistry - Create a one page fact -file. Find out the names and locations of all the plate boundaries around the world. Complete some in depth research on one, and describe what happens to it? What are the results? Why is it important?

Year 9 Physics - Making use of energy. 1.0 Density [Making use of energy - Blended Learning \(d3kp6tphcrvm0s.cloudfront.net\)](#)

Year 9 ENTRY LEVEL - Please watch the videos and make notes. You can also have a try at the interactive games on the AP

- [What is DNA and How Does it Work? \(youtube.com\)](#)
- [Inherited Genetic Disorders | Genetics | Biology | FuseSchool \(youtube.com\)](#)
- Interactive notebook and game [DNA and Inheritance \(abpschools.org.uk\)](#)

Year 10 Biology - 10.0 - Investigating Photosynthesis:

[Bridging Unit: Biology - Blended Learning \(d3kp6tphcrvm0s.cloudfront.net\)](#)

Year 10 Chemistry - Create a table and identify elements, mixtures, and compounds around the home. 1st Column - What chemical? Use the generic name e.g. Mr Muscle bleach 2nd Column - Full chemical formula. 3rd Column - the elements (and how many) make up that formula. Please complete between 5-10.

Year 10 Physics (double)- Look at generating electricity and resources. 1.0 generating electricity. [Generating Electricity - Blended Learning \(d3kp6tphcrvm0s.cloudfront.net\)](https://d3kp6tphcrvm0s.cloudfront.net)

Year 10 Physics (Triple) -Refresh your understanding of circuits. 1.0 Electrical circuits [Electric Circuits - Blended Learning \(d3kp6tphcrvm0s.cloudfront.net\)](https://d3kp6tphcrvm0s.cloudfront.net)

Year 10 APPLIED SCIENCES -Please watch the videos and make notes. You can also have a try at the interactive games on the AP

- [What is DNA and How Does it Work? \(youtube.com\)](https://www.youtube.com/watch?v=...)
- [Inherited Genetic Disorders | Genetics | Biology | FuseSchool \(youtube.com\)](https://www.youtube.com/watch?v=...)
- Interactive notebook and game [DNA and Inheritance \(abpishools.org.uk\)](https://www.abpishools.org.uk)

Year 11 Biology - 1.0 Classification and Biodiversity, please practice using the binomial system. [Classification and Biodiversity - Blended Learning \(d3kp6tphcrvm0s.cloudfront.net\)](https://d3kp6tphcrvm0s.cloudfront.net)

Year 11 Chemistry - 1.0 Introduction to metallic bonding [Bonding, structure and properties - Blended Learning \(d3kp6tphcrvm0s.cloudfront.net\)](https://d3kp6tphcrvm0s.cloudfront.net)

Year 11 Physics - Distance, Speed and acceleration. Have a look at distance/time graphs, this will be useful for your in-class lessons.

2.0 Distance/Time graphs. [Distance, speed and acceleration - Blended Learning \(d3kp6tphcrvm0s.cloudfront.net\)](https://d3kp6tphcrvm0s.cloudfront.net)