**Year 11: Work for Science in the event of school closure**

In the event of a school closure pupils in Key Stage 4 should work on their How Science Works Skills using the resources provided.

The work listed in Section 1 would take most pupils between 5 and 12 hours to do. The expectation is that pupils cover 1 hour for each science lesson missed due to a school closure.

The tasks are listed in the ideal order they should be complete in, but a task is not necessarily reliant on completing those listed above it. If your child might feel particularly confident with one aspect of How Science Works, they may wish to leave a task and move on to one that would provide greater benefit to their learning.

Section 1 Tasks:

1. KS4 1 – Finding Useful Sources
2. KS4 2 – Working with Hypotheses
3. KS4 3 – Designing an Experiment
4. KS4 4 – Understanding Variables
5. KS4 5 – Measuring
6. KS4 6 – Introduction to Graphs
7. KS4 7 – Grasping Graphs
8. KS4 8 – Interpreting Your Data
9. KS4 9 - Understanding Bias

The work in section 2 focuses on the maths skills required in the Science GCSE. There are 5 strands of maths skills your child needs to be able to do for Science 9-1 GCSE. These are:

* 1. Arithmetic and numerical computation
  2. Handling data
  3. Algebra
  4. Graphs
  5. Geometry and trigonometry

These sections can be completed in any order, depending on which skills your child feels they need to work on.

Section 2 Task:

1. KS4 10 – Required Maths Skills in Science