

## The Sheffield Sixth Form – Biology Pre-induction Activity

### Welcome

Welcome to the A Level Biology Pre-induction Activity. We very much look forward to welcoming you in September and as part of your preparation we have developed this booklet.

This work pack is designed to provide 15 hours of work (5 hours a week over 3 weeks) to prepare you for studying A-level Biology. You may have studied Biology for GCSE, or you may never have heard of it before!

### TASK

You are part of history – never before have schools been closed down for this period of time, your GCSE exams cancelled, and your GCSE grades predicted. It is important you understand why the Corona virus pandemic brought about this series of events that has so heavily impacted your life. Your summer project is to produce a historic PowerPoint or booklet on COVID 19.

You will need to include the following criteria:

- Structure of the virus -
- Replication of the virus
- Spread of the virus and the importance of lockdown, social distancing, PPE and contact tracing app
- Use of data and statistics to inform people about the impact of the virus
- Symptoms of the virus
- Treatment of the virus
- Testing of the virus
- Development of the vaccine
- Effect on society, effect on the economy, effect on **yourself**
- The future in terms of further spikes

### DESIGN IT SO YOU WOULD WANT TO READ IT