**Biology and Chemistry work to be completed at home.**

1. Use your science Keystage 3 Study book and exercise books to read the relevant sections. Look at the relevant pages and make revision notes (or a mind map) on the following;

**Sections to be studied:**

* Plants and animal cells, specialised cells
* Structure of the lungs, gas exchange and respiration. How this can be affected by smoking, exercise and asthma.
* Types of microbes, diseases caused by microbes, how to grow microbes in a lab (agar plates), useful microbes
* Acids, alkalis, indicators and neutralisation
* Types of chemical reactions; Rusting, combustion, oxidation reactions, fuels, conservation of mass and gas tests. First 20 elements of the periodic table

1. Use KS3 Science BBC Bitesize (<https://www.bbc.co.uk/bitesize/subjects/zng4d2p>)

Work your way through the Biology and Chemistry Sections (these include notes, quizzes, videos and tests).

**Biology** – Living organisms and Respiration and Gas Exchange sections

**Chemistry** - States of Matter, Atoms, Elements and the Periodic table, Chemical Reaction and Tests and Acids, Alkalis and Salts