

SCIENCE - YEAR 9

Chemistry: Earth

Within this module students will learn there is only a certain quantity of any resource on Earth, the extraction processes of certain elements and the importance of recycling. We will also consider how carbon is recycled through natural processes in the atmosphere, ecosystems, oceans and the Earth's crust, including processes such as photosynthesis and respiration.

Biology: Genes

Students will learn all about what makes them who they are, examining DNA and how it is arranged into genes on

Post Easter GCSE Preparation

Chemistry

chemistry is built. You will investigate the structure of the atom, looking at which particles make up an atom and how they are arranged. You will also look at how the structure of the atom is linked to its position on the periodic table and how the current model of the atom has developed over time with the evidence to support what we now use.

Physics: Energy

temperature and consider the processes of thermal energy transfer by conduction, convection and

energy transferred when a force moves an object and look at simple machines like levers and pulleys which can make work easier by reducing the force needed.

Post Easter GCSE Preparation

Biology

between types of cells enables them to perform