

Summer Term 2 – The Aztecs

Summer Term I – Ancient Egypt

Develop problem Solving skills



Identify own strengths and areas for improvement

Determination

Develop communication

skills



Analyse and

Improve own performance

Spring Term I - Under the sea

Spring term 2
Space



Mutual Respect



Autumn Term 2 – Brilliant Britain

Autumn Term I - Investigating India

YEAR

In KS2 learners will continue to build upon their previous knowledge in each unit. Students will explore a variety of topics to give them a well-rounded understanding of Science and Humanities. Students will engage with a range of sources and hands on experiences to further develop their view of the world.





Summer Term 2 – The Titanic

Summer Term I – Stone age

Develop problem Solving skills

Analyse and Improve own performance



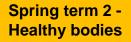


Identify own strengths and areas for improvement

Determination

Develop communication skills











Autumn Term 2 – Extreme Earth

Autumn Term I – Rainforest YEAR B

In KS2 learners will continue to build upon their previous knowledge in each unit. Students will explore a variety of topics to give them a well-rounded understanding of Science and Humanities. Students will engage with a range of sources and hands on experiences to further develop their view of the world.



Year 10/11 double Entry Level / AQA Trilogy GCSE

Submitting work for the **ELC** qualifications

ELC Physics Component 6 Summer term

Complete all ELC work & submit.

Look at career paths and real world applications of knowledge

Electricity, current, types of current, magnetism, magnetic fields, waves.

Spring term

ELC Chemistry Component 4

ELC coursework & external assessments

Chemical reactions, reactions with acids. Ph scale, energy transfers, reactions profiles.

Complete TDAs and start external ELC assessments

ELC coursework & external assessments

ELC Biology Component 2 Year 11 Autumn Term



Targeted revision and exam preparation.

Feeding relationships, interdependence, o rganisms and environment, Genetic material, inheritance

Year 10 Single Entry Level

ELC Physics Summer **ELC** coursework & **Component 5** term Year 11 external assessments Investigation and work Elements, compounds, for Teacher Designed structure of Assessment matter, polymers, mixtures. Externally set assessment **Spring ELC Chemistry ELC** coursework & term **Component 3** external assessments Investigation and work for Energy transfers, changes **Teacher Designed** and sources. Assessment Forces – effects, reaction Externally set assessment. times & stopping distances Radioactivity Year 10 **ELC Biology ELC** coursework & Autumn Component 1 external assessments Term AQA Investigation and work for Human body and its **Teacher Designed Assessment functions** Externally set assessment.



Preparation for KS4

Physics

Chemistry

In Year 9,
learners will continue to build
on their knowledge bank
looking at scientific
applications in the real world
and preparing for KS4.

In Year 8, learners will use the knowledge and skills acquired in year 7 to look at a wide range of topics in more depth. Ecosystems & interdependence; Inheritance & evolution Materials & recycling; Acids & alkalis

Motion & pressure; Waves

Investigations & working scientifically

Physics
Chemistry
Biology

In Year 7, learners will develop basic understanding of safety in the laboratory as well as the skills needed for working scientifically.

Physics

YEAR

Chemistry

Biology

Using a microscope

Safety around equipment

Photosynthesis & respiration; Health & the human body

Earth & atmosphere; Chemical reactions

Space; Electricity & magnetism

Introduction to science

YEAR 7

YEAR

Cell tissues & organization; Reproduction

Atoms and the periodic table; States of matter and separating mixtures

Energy changes & transfers; Forces