



Summer Term 2 -The Aztecs

Develop communication skills

Summer Term I -**Ancient Egypt**

Develop problem Solving skills





Identify own strengths and areas for improvement

Determination



Analyse and

Improve own performance

> Spring Term I -Under the sea





Mutual Respect



Autumn Term 2 -**Brilliant Britain**

Autumn Term I -**Investigating India**



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

Develop communication skills

Summer Term I -Stone age

Develop problem Solving skills

Analyse and Improve own performance



Identify own strengths and areas for improvement

Determination



Spring Term I -Food glorious food



Spring term 2 -**Healthy bodies**

Mutual Respect



Autumn Term 2 -**Extreme Earth**

Autumn Term I -**Rainforest**

YEAR

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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.

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





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

Photosynthesis & respiration; Health & the human body
Earth & atmosphere; Chemical reactions
Space; Electricity & magnetism

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

Biology

YEAR

Physics

Chemistry

Using a microscope

Safety around equipment

Introduction to science

7

YEAR

Cell tissues & organization; Reproduction

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

Energy changes & transfers; Forces