

### Knowledge Outcomes

The 8 parts of a compass are North, South, East, West, North East, South East, South West and North West.

A four figure grid reference indicates a 1Km by 1Km square on a map and a six figure grid reference indicates a 100m by 100m square.

Climate zones are areas with distinct climates that occur in East and West direction around the Earth.

A biome is a community of plants and animals that have common characteristics for the environment they exist in.

**Challenge: Vegetation belts are regions of the world that are home to certain plant species determined by the climate.**

### Literacy

#### Spoken Language:

Use spoken language to develop understanding through speculating, hypothesising, imagining and exploring ideas  
Participate in discussions, presentations, performances, role play, improvisations and debates

#### Reading:

Retrieve and record information from non-fiction  
Identify how language, structure and presentation contribute to meaning  
Discuss and evaluate how authors use language, including figurative language, considering the impact on the reader

#### Writing:

Note and develop initial ideas, drawing on reading and research where necessary  
In narratives, describe settings, characters and atmosphere and integrate dialogue to convey character and advance the action  
Using the perfect form of verbs to mark relationships of time and cause  
Using expanded noun phrases to convey complicated information concisely

### Mathematics

*Please see the objectives in the autumn term success and challenge cards*

### Languages

#### Clothes

Learn nouns for items of clothing.  
Describe clothing using colours and see how the spelling of colours can change.  
Write a description of an outfit of their choosing.  
Explore the verb 'to wear'

### Personal, Social and Emotional Development

#### PSCHE: *What decisions can people make with money?*

Learn how people make decisions about spending and saving money and what influences them  
Know how to keep track of money so people know how much they have to spend or save  
Understand how people make choices about ways of paying for things they want and need (e.g. from current accounts/savings; store card/credit cards; loans)  
Learn how to recognise what makes something 'value for money' and what this means to them  
Know that there are risks associated with money (it can be won, lost or stolen) and how money can affect people's feelings and emotions

#### R.E.: *Christianity - How significant is it for Christians to believe God intended Jesus to die?*

Question whether God intended Jesus to be crucified or whether Jesus' crucifixion was the consequence of events during Holy Week.  
Give examples of someone with a strong sense of purpose for their life and give our opinions on this.  
Begin to explain whether God intended Jesus to be crucified or whether Jesus' crucifixion was the consequence of events during Holy Week.  
Express opinions about Jesus' crucifixion being his destiny/purpose.

### SPRING TERM 2 Activities *Treasure Hunters: Alchemy Island Year 5*

### Physical Development

#### Dodgeball:

Play competitive games, modified where appropriate, and apply basic principles suitable for attacking and defending  
Learn how catch a ball in different situations such as standing still and whilst on the move.  
Learn how to effectively find and create space for yourself and others  
Learn how to move their feet quickly and effectively to dodge any dodgeballs and learn accuracy of shots.  
Understand the basic rules of Dodgeball

### Understanding of the World

#### Geography: Physical geography

WALT Describe and understand key aspects of physical geography including: climate zones, biomes, vegetation belts, rivers, mountains, volcanoes, earthquakes.  
WALT Use the eight points of a compass, four and six figure grid references, symbols and keys to build knowledge of the wider world

#### History:

##### Being Different and Equal

WALT To identify and understand the lives of significant individuals in the past who have contributed to National and International achievements  
WALT learn about a non-European society that provides contrast with British society

##### SCIENCE: Forces

WALT Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object

WALT Identify the effects of air resistance, water resistance and friction that act between moving surfaces

WALT Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect

##### Computing: Digital literacy - iWeb

WALT Use advance search functions in Google (quotations).  
WALT Understand websites such as Wikipedia are made by users  
WALT Use strategies to check the reliability of information (cross check with another source such as books).  
WALT Use their knowledge of domain names to aid their judgment of the validity of websites.

### Expressive Art and Design

#### Design and Technology:

WALT Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design  
WALT Apply their understanding of how to strengthen, stiffen and reinforce more complex structures  
WALT Understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]

#### Music:

WALT Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression  
WALT Improvise and compose music for a range of purposes using the inter-related dimensions of music.