

**Engage: Panning for gold!**

**Express: Design a treasure hunt game for another class**

## 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:

Apply their growing knowledge of root words, prefixes and suffixes (morphology and etymology) both to read aloud and to understand the meaning of new words that they meet.

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

Draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence

Predict what might happen from details stated and implied

Summarise the main ideas drawn from more than one paragraph, identifying key details that support the main ideas

### 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

Use a wide range of devices to build cohesion within and across paragraphs

Use brackets, dashes or commas to indicate parenthesis

Use semi-colons, colons or dashes to mark boundaries between independent clauses

## Mathematics

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

## Personal, Social and Emotional Development

### PSCHE: Getting On and Falling Out

Working co-operatively to help a group

Being a really good friend

Keeping calm and overcoming feelings of anger

Solving a difficult problem with a friend

Say no to bullying:

- What it is?
- How does it feel?
- Why do people bully?
- How can we prevent and respond to it?

### R.E.: Islam: worship, festivals and practices

-the Mosque as a place of worship and learning

-role of the Imam in the community

-the call to prayer

-The Five Pillars

-birth and naming of children

-marriage

-greetings and respect for elders

-end of Ramadhan and during Hajj

## AUTUMN TERM 2

## Objectives

## Treasure Hunters: Alchemy Island Year 5

## Physical Development

### Football

- use running, jumping, throwing and catching in isolation and in combination
- play competitive games, modified where appropriate and apply basic principles suitable for attacking and defending
- take part in outdoor and adventurous activity challenges both individually and within a team
- compare their performances with previous ones and demonstrate improvement to achieve their personal best.

## Understanding of the World

### Geography: Physical geography

Describe and understand key aspects of physical geography including: climate zones, biomes, vegetation belts, rivers, mountains, volcanoes, earthquakes.

Use the eight points of a compass, four and six figure grid references, symbols and keys to build knowledge of the wider world

### Science: Properties and changes of materials

Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets

Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution

Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating

Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic

Demonstrate that dissolving, mixing and changes of state are reversible changes

Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.

### COMPUTING: Online

Use advance search functions in Google (quotations).

Understand websites such as Wikipedia are made by users

Use strategies to check the reliability of information (cross check with another source such as books).

## Languages

Listen attentively to spoken language and show understanding by joining in and responding

Describe people, places, things and actions orally

Engage in conversations; ask and answer questions; express opinions and respond to those of others; seek clarification and help

## Expressive Art and Design

### Painting:

Use a range of different painting techniques to create a piece of artwork in the style of a known artist

Critically evaluate and edit (paint over their work).

Begin to use the colour wheel to identify complimentary colours.

### Music

Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression