

### SCIENCE:

This half term the children will be learning about materials and their properties. We will explore terms such as: heating, cooling, melting, freezing, dissolving, solid, liquid, burning, change, reversible, irreversible, soluble, insoluble, solution, solute and solvent.

Learning will include:

- The fountain of gold
- Gold crystals
- Alchemists' investigations

### ART:

#### Designing Fantasy

##### Landscapes

Discover different techniques to create new and magical worlds.

Examine art work that accompanies famous fantasy texts such as The Hobbit.

### PE

Hockey skills continued

These will include:

- Passing
- Dribbling
- Shooting
- Tackling
- Team work
- Tactical awareness

Rounders games

### MATHS:

#### Year 4

Consolidation of

Fractions

Shape

Times Tables practice:

11 and 12 times tables

#### Year 5

Consolidation of

Fractions

Position and direction

Times Tables practice:

Fluency across the times tables



### Humanities

This half term the children will be focusing on Geography.

They will learn:

- Mapping skills using grid references
- Elevation on maps
- Examining features such as tors
- Other physical geographical features

### ENGLISH:

Fiction – Shadow Forest: Matt Haig

#### Grammar

Year 4– Fronted adverbials, inverted commas, expanded noun phrases.

Year 5– Modal verbs, parenthesis, relative clauses

#### Writing

Poetry – soliloquies

Non-fiction—persuasive writing

Fiction—fantasy narratives

#### Reading

Guided reading sessions.

Accelerated Reader quizzing.

Weekly Comprehension Task.

Spellings and memory techniques.

Handwriting practice

### Computing:

Children will be learning to design their own soundtrack to accompany a computer game based on their adventures on Alchemy Island.

They will:

- Listen to existing soundtracks.
- Use suspense, excitement and danger to construct their own soundtrack.

### P.S.H.E

#### Inside My Brain

During this half term, the children will be learning about the brain's emotional responses, with particular focus on the reptilian brain and its function.

They will learn about fight or flight and how to deal with fear.

They will learn about making decisions and the impact they can have on themselves and others.

### R.E

The children will be studying Forgiveness and what that means in different religions. We will look at:

- What is forgiveness
- Forgiveness in Judaism
- Forgiveness in Buddhism
- Symbols of forgiveness
- How we can be forgiving