### **Curriculum Overview for Year 6**

#### Reading

- The Explorer
- Lost Words
- Moth
- Harry Potter and the Philosopher's Stone
- Greeks myths Theseus and the Minotaur
- Percy Jackson and the Lightning Thief
- The Highwayman
- Letters from the Lighthouse

**Number/Calculation** 

division

indices)

primes

Algebra

•Secure place value & rounding to

•All written methods, including long

•Solve multi-step number problems

•Introduce simple use of unknowns

10,000,000, including negatives

•Use order of operations (not

•Identify factors, multiples &

#### **English**

#### **Writing-genres**

- Non-chronological report
- Narrative
- Poetry
- Balanced argument
- Explanation
- Myths
- Diary entry

#### Grammar

- •Use appropriate register/ style
- •Use the passive voice for purpose
- •Use features to convey & clarify meaning
- •Use full punctuation
- Use language of subject/object Speaking & Listening
- •Use questions to build knowledge
- •Articulate arguments & opinions
- •Use spoken language to speculate, hypothesise & explore
  - Use appropriate register & language

### **Art & Design**

- Aboriginal dot art
- Lost Words watercolours
- Cheetah masks (Modroc)
- Harry Potter wands and owls
- David Hockney landscapes
- Ink blowing linked to the Highwayman

### Life skills & Experiences

- Survival Day in the forest
- Gorsehill Baptist church visit Christmas and Easter
- Bikeability
- Junior Good Citizen
- PGL and enrichment week
- Harry Potter Studio Tour & HP day
- Greek day tasting foods & archaeological dig
- Coleshill- WW2 secrets and spies

# **Mathematics**

#### **Geometry & Measures**

- •Confidently use a range of measures & conversions
- •Calculate area of triangles / parallelograms
- •Use area & volume formulas
- Classify shapes by properties
- •Know and use angle rules
- •Translate & reflect shapes, using all four quadrants Data •Use pie charts
- •Calculate mean averages **Data**
- Use pie charts
- •Calculate mean averages

#### Fractions, decimals & percentages

- •Compare & simplify fractions
- •Use equivalents to add fractions
- Multiply simple fractions
- Divide fractions by whole numbers
- •Solve problems using decimals & percentages
- •Use written division up to 2dp
- •Introduce ratio & proportion

### Science

- Circulatory system
- Evolution and inheritance
- How light travels
- Electricity
- Classification of plants and animals

### Religious

### **Education**

- What do religions say when life gets hard?
- Is it better to express religion in art and architecture or charity and generosity?
- What matters most to Christians and humanists?
- What difference does it make to believe in Ahimsa?
- What can be done to reduce racism?

### **Spanish**

- Describing me and others
- Saying what I and others have
- Saying what I and others do
- Saying where you are going and what there is there
- Saying what activities I and others do
- Saying what I and others like/dislike, want and have to do

#### Music

- Guitars
- Glockenspiels
  - Developing melodic phrases Understanding structure and form Gaining confidence through

## **Design & Technology**

- Design and make a cultural dish-flatbreads
- Design and make Bristlebots- electrical circuits
- Design and make an Anderson shelter (frames)- linked to WW2

#### Computing

- Communication and collaboration
- Webpage creation & Variables in games
- Introduction to spreadsheets
- 3D modelling & sensing (input on a physical device)

### **History**

#### **Ancient Greeks**

- Chronology (key historical events)
- How do we know about the Ancient **Greeks? Enquiry**
- Democracy and legacy of Ancient Greeks
- Greek gods and mythology

#### **World War Two**

- Chronology (key events)
- How significant was the Blitz? Virtual visit
- World War II: whose war?
  - What was the impact of World War II on people in our locality?

### **PSHE**

- Being me in my world
- Celebrating difference
- Dreams and goals
- Healthy me
- Relationships
- Changing me

- performance
- Exploring notation further
- Using chords and structure
- Composition



- Study of North America
- Study of Greece including ancient Greece
- Local area / fieldwork
- Climate zones & biomes