



**REACH** for the stars

## Spring Term Curriculum Overview - Year 6

### English

We follow the Read to Write Scheme which is a text based approach to develop writing. These are the books we will be covering this term.

#### **The Origin of the Species**

Narrative: Discovery Narrative  
Purpose: To tell a story  
Explanation: Adaptation  
Purpose: To inform

#### **Wolves**

Recount: First Person Narrative  
Purpose: To tell a story  
Discussion: Balanced Argument  
Purpose: To discuss  
Information Text: Wolves  
Purpose: To inform  
Narrative: Suspense Narrative

### Mathematics

#### **Number – Algebra**

Pupils will use simple formulae, generate and describe linear number sequences express missing number problems algebraically. They will find pairs of numbers that satisfy an equation with two unknowns and enumerate possibilities of combinations of two variables.

#### **Measurement- Area, Perimeter and Volume**

Pupils will recognise that shapes with the same areas can have different perimeters and vice versa recognise when it is possible to use formulae for area and volume of shapes. They will calculate the area of parallelograms and triangles, calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm<sup>3</sup>) and cubic metres (m<sup>3</sup>), and extending to other units [for example, mm<sup>3</sup> and km<sup>3</sup>].

#### **Number- Ratio**

Pupils will solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts. They will solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison. Pupils will solve problems involving similar shapes where the scale factor is known or can be found and solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.

#### **Measurement- Converting units**

Pupils will solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate. They will use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places. Pupils will convert between miles and kilometres.

#### **Geometry – Angles**

Pupils will recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.

### Science

#### **EVOLUTION AND INHERITANCE**

Pupils will gain an understanding that living things have changed over time and that fossils provide information about living things. They will learn that living things produce offspring of the same kind but normally these vary and are not identical to their parents. They will learn that animals and plants adapt to suit their environments and that adaptation may lead to evolution.

## History

### THE VIKING AND ANGLO SAXON STRUGGLE FOR THE KINGDOM OF ENGLAND TO THE TIME OF EDWARD THE CONFESSOR

#### Were the Vikings 'ruthless killers', 'peaceful settlers' or 'keen traders'?

Pupils will learn about who the Vikings were, where they came from and the reasons for their attack. They will learn about the reasons for the Vikings reputation, their settlements and trade.

## Religious Education

### LIVING

#### What matters most to Christians and Humanists?

Pupils will explore what Christians mean about humans being made in the image of God and being 'fallen'. They will compare Christian and Humanist values simply and explain their own ideas.

#### What difference does it make to believe in ahimsa (harmlessness), grace, and/or Ummah (community)?

Pupils will explore connections between beliefs and behaviour in different religions. They will make connections between belief in ahimsa, grace and Ummah, teachings and sources of wisdom in the three religions and explore similarities and differences.

## Computing

### CREATING MEDIA - 3D Modelling

Pupils will identify and use appropriate software to complete a 3D modelling project.

## Physical Education

### GYMNASTICS

Pupils will develop balance, agility and co-ordination.

### TENNIS

Pupils will respond consistently in the games they play, choosing and using skills which meet the needs of the situation.

## Music

### INDIAN MUSIC – Shankar

Pupils will learn about Indian music and about Ravi Shankar.

### VIKINGS – Wagner

Pupils will learn about Richard Wagner and his compositions.

## Personal, Social, Health and Economical Education

### BELONGING TO A COMMUNITY

Pupils will gain an understanding of valuing diversity; challenging discrimination and stereotypes.

### MEDIA LITERACY AND DIGITAL RESILIENCE

Pupils will gain an understanding of evaluating media sources; sharing things online.

### MONEY AND WORK

Pupils will gain an understanding of influences and attitudes to money; money and financial risks.

## Design and technology

### STRUCTURES AND MECHANISMS - Viking Boats

Pupils will select tools, materials, components and techniques appropriate to the task. They will assemble components to make working models, follow procedures for safety and hygiene. Pupils will construct products using permanent joining techniques and make modifications as they go along.

## MODERN FOREIGN LANGUAGES – Spanish

Pupils will learn to speak, read and write about places in town and describe locality. They will learn how to understand and give directions. They will learn how to make character profiles, describing characters and events, eliciting information from longer text.

