



**English Martyrs Primary School**  
**Year 6 – 2022**

**Topics to be covered: Autumn 1<sup>st</sup> Half**

**Religious Education**

This academic year we will study six modules from a new R.E scheme: 'The Way, The Truth and The Life'. This half term, we will study 'The Kingdom of God'. In this unit of work, pupils will study:

- What? Why? Where?
- The Kingdom is for All
- Commitment to the Kingdom
- Variety of Responses to the Kingdom
- The Compassion of Jesus
- Sharing the Mission

**Maths**

- Identifying the place value of numbers, ordering and rounding integers and decimals up to 10 000 000
- Consolidating addition and subtraction formal calculations and solving associated problems
- Recognising, describing and building 3D shapes including nets of cubes, cuboids, tetrahedron, octahedron and square based pyramids
- Consolidate multiplication for larger numbers using formal written methods and solve associated problems
- Finding fractions and percentages of quantities, ordering decimals
- Add and subtract fractions with different denominators and mixed numbers
- Use coordinates to describe the positions of shapes in all four quadrants
- Draw and translate simple shapes on the coordinate plane and reflect them in the axes
- Use properties of shapes to predict missing coordinates

**English**

- Fiction writing based on class novel Street Child by Berlie Doherty
- Write narrative extracts, instructions, descriptive writing
- Non-fiction writing with links to Rights, Respect issues, debates and balanced arguments
- Learn poetry by well-known poets and produce work in style of narrative poetry
- Journalistic style writing with link to class novel
- Comprehension tasks with focus on author's language and inference
- Guided Reading and Grammar taught through a number of classic texts. Pupils will read extracts from authors such as Edith Nesbit, Robert Louis Stevenson, Charles Dickens and Rudyard Kipling

## **Spelling, Punctuation and Grammar**

Pupils will need to learn the functions of the following:

- Use of the colon and semicolon
- Consolidate rules for the use of apostrophes
- Knowing the passive and active presentation of information
- Know synonyms, antonyms, homophones, homonyms
- Correct use of full range of punctuation
- Know the use of adverbials and where they are placed in sentences

## **Science**

### **Evolution and Inheritance:**

- Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago
- Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents.
- Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.
- Develop the skills of a scientist by:
  - Planning enquiries
  - Identity variables
  - Use secondary sources
  - Use equipment correctly and make accurate measurements
  - Collect data and draw conclusions

## **P.E**

P.E kits to be worn every Tuesday. This term will include athletics and other non-contact sports

## **Art**

Study the Victorian artist William Morris and his influence on interior design in Britain

## **History**

Pupils are required to produce a research project during half term. The aspects of this period we will cover are as follows:

- The life of Queen Victoria and her influences upon society
- Lives of Victorian children - plotting the development of education, working life and comparison with lives of the modern child
- Study of Imperialism and its far reaching consequences linking to modern society's multi-ethnic routes by origin
- Impact of the Industrial Revolution on society, understanding that this was a period of immense change
- The life and work of key Victorians who made significant contributions to the changes experienced in this time

This topic will continue into the second half of the Autumn Term, concluded by our Victorian Day (pupils will be required to dress up as a Victorian). The date for this day will be confirmed later in the term.

# **Topics to be covered: Autumn 2<sup>nd</sup> Half**

## **Religious Education**

This half term, we will study 'Justice'. In this unit of work, pupils will study:

- What is Justice?
- A Price to Pay
- Overcoming Injustice
- Power in Weakness
- Preparing the Way for Jesus
- The Mystery of the Incarnation

## **Maths**

- Add and subtract whole numbers using the formal written method
- Identify the value of each digit in numbers given to three decimal places and multiply and divide by 10, 100, 1000 giving the answers up to three decimal places
- Converting units of measures including problems, use decimal notation in responses where required
- Practise division for larger numbers, using formal written method of short division
- Divide numbers up to 4 digits by a two-digit number
- Perform mental calculations including with large numbers
- Understanding the properties of numbers and identify common factors, common multiples and prime numbers, solving a wide range of number problems
- Reasoning about numbers, patterns and sequences

## **English**

- Journalistic Writing based on themes linked to the topic of Victorians
- Non-fiction writing to include persuasive letters and information leaflets
- Recounts based on trips
- Narrative writing based on class novel – Street Child

## **Science**

Continued from previous term

- recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago
- recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents
- identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution

## **Animals including humans**

- identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood
- recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function
- describe the ways in which nutrients and water are transported within animals, including humans.

## **P.E**

Games/gymnastics

## **Art**

To know the work of Victorian artist Elizabeth Siddal and understand the challenges faced by women in this field during this era