

Maths

Children will work on reading, writing and ordering 5/6 digit numbers and on place value. They will extend their skills in addition, subtraction, multiplication and division developing a secure understanding of how to use the formal written method for each of these operations. They will also learn to interpret data presented in line graphs.

English

In English our 'Power of Reading' text is 'The London Eye Mystery' by Siobhan Dowd. We will be taking many opportunities to write based on events in our book with a particular focus on the audience and writing for purpose. We will be exploring the text and getting to know the characters using a variety of approaches including art, drama, readers' theatre and freeze-framing.

R.E

Creation: We will explore the creation of our world and how we can care for God's creation. We will read the story of Creation and reflect on its importance. We will learn that for a long time people have asked questions about creation and we will take time to reflect on responses to these questions.

God's Covenant: We will understand what a covenant is and reflect on our covenant with God. We will explore the ways that God guides and challenges us and how we can use this to grow our faith in God.

This year we will also be working alongside *Caritas* to complete charitable work within our local community. We will learn about Catholic values and how we can help people fulfil these.

Humanities

In History this term we will be studying the 'British Empire.' In this unit of work we will study the reasons why Britain had an Empire and discuss the legacies and impact of Empire. We will look at primary and secondary sources of evidence to help develop our understanding. In Geography we will be studying 'Spatial Sense' in which we will be learning how to use atlases and read maps, using coordinates and identifying longitude and latitude lines. We will also explore different types of maps including political and relief maps, identifying continents, countries and major cities in each of the four hemispheres.

Year 5 Curriculum Map Autumn Term

Computing

Children will focus on coding this term, learning how to design, write and debug programmes.

Spanish

Children will have weekly lessons where they will have a chance to explore the Spanish language. This will focus increasingly on conversational Spanish.

P.E

Children will be learning tennis this term with a focus on serving, batting technique and hand-eye coordination. Children will also be learning rugby with an emphasis on working as a team, throwing and catching and running.

Science

This term we will be covering two topics: *Materials* and *Forces*. In our *Materials* unit we will be identifying the properties of different materials, identifying amongst other things whether materials are soluble or insoluble and conductors or insulators of heat and electricity. In our *Forces* unit, we will be identifying different forces and the effects of balanced or unbalanced forces. We will explore water resistance, air resistance, friction and look at how some mechanisms such as levers allow a smaller source to have a greater effect. We will also look for links between mass and weight.

Music

Children will learn to play the trumpet and perform collectively. They will learn about the elements of music and the families of musical instruments. Children will also analyse various pieces of music identifying the different musical elements.