

**Year group: 4 Term: Autumn 2**

**Focus Subject: Geography**

**Key Vocabulary:**

Hemisphere, lines of longitude and latitude, equator, coordinates,

**Relationships and Health Education:**

Catholic Social teaching, our differences are important.  
The Trinity

**RE: as theologians, we will:**

We will begin to ask and respond to questions linked to key scripture, we will be able to ask questions about what they and others wonder about the reason for responses to being chosen and we will be able to make links to show how feelings and beliefs can affect the responses they might make to being chosen. We will also be able to ask and respond to questions about what is important in friendship, we will be able to ask questions about what they and others wonder about the gift of love and friendship and realise that some of these questions are difficult to answer and will begin to compare their own and other people's ideas about the gift of love and friendship and realise that these questions are difficult to answer.



**Art: As artists, we will:**

Create sketch books to record their observations and use them to review and revisit ideas, improve our mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay) and know about great artists, architects and designers in history.

**BIG Question: What is life like in Africa?**

**Practise at Home:**

Times Table Rockstars

Topic Homework Grid

IXL

**As Musicians, we will:**

Listen to wide range of musical styles, develop our understanding of pulse, rhythm, pitch, tempo, dynamics, timbre, texture and structure/form and we will consider how music can help to connect us to our past.

**Science: As scientists, we will:**

Label major organs in human body Describe the functions of the major human organs, explain why organ donation is so important, label the human skeleton, describe the functions of the skeleton, describe the difference between an endoskeleton and an exoskeleton, describe variation within the animal kingdom, compare the human skeleton to other animals Compare human organs to other animals, compare the teeth of different animals Identify the types of human teeth, describe the function of different types of teeth, explain why we need oxygen, give the components of the circulatory system Describe how the circulatory system works, label the major components of the digestive system and describe the function of the different parts of the digestive system.

**PE: As athletes, we will:**

Explain and evaluate the different techniques used for passing, controlling, dribbling and shooting the ball in games, use marking, tackling and / or interception to improve defence, apply principles of team play to keep possession of the ball and score effectively, know what position they are playing and how to contribute when attacking and defending and apply rules consistently and fairly.

**Maths: As mathematicians, we will:**

Learn and use a range of addition and subtraction techniques, have a firm understanding of place value, apply strategies to a range of contexts including measure, understand the relationship between cm and m and apply this knowledge to mathematic questions, begin to develop an understanding of perimeter around a 2D shape, beginning with squares and rectangles before going to rectilinear shapes, develop problem-solving skills, including working backwards to derive dimensions of rectangles when the perimeter is given and using reasoning to find perimeters when not all sides are labelled and explore multiplication and division, looking first at multiplying and dividing by multiples of 10 and 100, and then at multiplying and dividing by 0 and 1.

**Geography: As geographers, we will:**

Learn that lines of longitude and latitude are imaginary lines that help us locate places on Earth, Lines of longitude run north to south. The main one is called the Prime Meridian. Lines of latitude run east to west. The main ones are called the Equator, Tropics of Cancer and Capricorn, Arctic and Antarctic Circle. The Equator splits the Earth into the Northern and Southern Hemispheres; the Prime Meridian splits the Earth into the Eastern and Western Hemispheres. Africa is made up of 54 countries and is the hottest continent in the world. Understand Africa's Physical features and climate, and its human settlements. Use simple geographical vocabulary e.g. country, city, climate, landscape.

**Enable  
Support**

**Prepare**

**Nurture**



**Cultural Capital/Trips/Local Area and Opportunities for Outdoor Learning:**

Weekly swimming , pantomime.

**DT: As designers, we will:**

Begin to use tools to recreate and add detail to traditional African jewellery. Select from and use a wide range of materials and components according to both functional and aesthetic qualities.



**English: As readers and writers, we will:**

Learn to write narrative using a range of punctuation, broaden our use of vocabulary within our writing, use paragraphs to organise our ideas, use inverted commas to punctuate speech, use fronted adverbials within our writing. We will also begin to write persuasive letters using a variety of techniques to help persuade.

**History: As historians, we will: N/A**

**Computing: As programmers, we will**

Identify the input device (microphone) and output devices (speaker or headphones) required to work with sound digitally, discuss the ownership of digital audio and the copyright implications of duplicating the work of others, record audio ourselves, use Audacity to produce a podcast, which will include editing work, adding multiple tracks, and opening and saving the audio files and evaluate our work and give feedback to our peers.