

ENGLISH

During this term the children will be reading a range of texts, including fiction, non-fiction and poetry. Using the variety of texts as a stimulus, we will continue to have a strong focus on GPS (grammar, punctuation and spelling) and building vocabulary.

Children will be learning to:

Plan their writing – identifying the audience for and purpose of the writing, selecting the appropriate form.

Writing short stories – describing setting characters and atmosphere and integrating dialogue to convey character and advance the action.

Evaluate and edit their writing – proposing changes to vocabulary, grammar and punctuation to enhance effects and clarity. Ensuring the children are using consistent and correct use of tense throughout each piece of writing. Children will learn to proofread for punctuation and spelling errors.

R.H. S. E

This term, we will be looking at our year ahead, discussing the children's goals and worries as well as learning how to make people feel welcome and work together as a team. They will be learning about considering the feeling of others and discussing everyone's rights in societies.

We will also be understanding and celebrating differences. Within this, children will learn how to accept that everyone is different, how to include others in their work and play and discuss ways to solve problems with their peers.

Changing Worlds

SCIENCE

Our first Science topic this term will be focused on Living things and their habitats. We will describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences and give reasons for classifying plants and animals based on specific characteristics.

Our second Science topic will be looking at Evolution and Inheritance. We will recognise that living things have changed over time and identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.

RE

Through **Religious Education** lessons and the use of the Rochester Diocesan materials, Understanding Christianity the children will be thinking about our key question, 'Creation and Science: Conflicting or Complementary?' We will outline the importance of Creation on the timeline of the 'big story' of the Bible. They will identify what type of text some Christians say Genesis 1 is, and its purpose, taking account of the context, suggest what Genesis 1 might mean, and compare their ideas with ways in which Christians interpret it, showing awareness of different interpretations. The children will make clear connections between Genesis 1 and Christian belief about God as Creator. They will further their understanding of why many Christians find science and faith go together.

MATHS

In Maths the children will cover many aspects of maths:

We are working towards:

Number and place value-

- Read and writing numbers to 10,000,000
- Round numbers
- Negative numbers

Addition and Subtraction

- Use formal column method to add and subtract
- Use mental strategies with large and small numbers
- Solve multi-step problems, choosing which operations and methods to use.

Multiplication and Division

- Common factors and multiples
- Prime numbers to 100
- Square and cube numbers
- Multiply up to a 4 digit numbers by a 2 digit numbers
- Short division
- Division using factors
- Long division
- Long division with remainders
- Multi-step problems
- Order of operations

HISTORY

In History, we will be looking at Mayan Civilisation. We will be learning about who they are, what their houses were, what they invented and other interesting facts.

P.E.

In Term 1 and 2, we will be taking part in swimming lessons.

Term 1: Our outside sport will be cricket where we will have a specialist community coach to come in to teach a variety of cricket skills and implementing them into a game situation

Term 2: In Gymnastics, we will be developing and composing a sequence using different body shapes, balances and actions. We will be using floor work as well as apparatus.

MUSIC

This term, we will be exploring music and technology in order to answer how music brings us together. We will explore the difference between live sounds and digital sounds as well as introducing our new instrument...the keyboard!

LATIN:

In Latin, we will be studying chapter 9 in our Latin series 'Minimus' - learning more vocabulary and tenses.

The children will identify similarities and differences in words between English and Latin.

GEOGRAPHY

Our inquiry question: **'How do local actions in the UK affect global climate?'** We will begin by understanding how people use energy, what energy sources there are and what energy do we need to use. The children will learn about renewable and non-renewable sources. Understanding about Greenhouse effect and the causes of the Greenhouse effects. The children will explore climate change and how we can respond locally and globally.

COMPUTING:

In Computing, the children will begin with learning coding skills. The children will learn:

- To design and make a more complex program
- Using different functions
- To create a simulation of a room in which devices can be controlled.
- Use flowcharts to test and debug a program
- To make a text-based adventure game.

HANDWRITING

Pupils will be taught to:

- write legibly, fluently and with increasing speed by:
- choosing which shape of a letter to use when given choices and deciding whether or not to join specific letters.

ART:

Our focus artist is 'Jill Pelto'. Jill Pelto is a climate change artist and science communicator which links closely with our Geography topic. We will be using her art work for inspiration for our final pieces.

Through this term we will be focussing on drawing and painting skills:

- Use different techniques for different purposes i.e. shading, hatching within their own work.
- Develop an awareness of composition, scale and proportion in their drawings.
- Mix colour, shades and tones with confidence building on previous knowledge.