

## Year 6 Miss Heneghan Spring 1

### PE

PE will take place on a Monday and fitness challenge will take place every other day of the week.

Children will need a full PE kit as well as trainers for the days we do fitness challenge.

### Maths

I can divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context

I can divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context

I can perform mental calculations, including with mixed operations and large numbers

I can identify common factors, common multiples and prime numbers

I can use my knowledge of the order of operations to carry out calculations involving the 4 operations

I can solve problems involving addition, subtraction, multiplication and division

I can use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy

#### Fractions

I can use common factors to simplify fractions; use common multiples to express fractions in the same denomination

I can compare and order fractions, including fractions  $>1$

I can add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions

I can multiply simple pairs of proper fractions, writing the answer in its simplest form [for example,  $1/4 \times 1/2 = 1/8$ ]

I can divide proper fractions by whole numbers

I can associate a fraction with division and calculate decimal fraction

### Come and See - Sources

Know and understand:

- A wide variety of books and the purpose for which they were written – Explore
  - The Bible as the story of God's love, told by the People of God – Reveal
- Acquire the skills of assimilation, celebration and application of the above - Respond

### Science – Animals including humans

Children can: recognise that animals have a circulatory system with many important functions including supplying all parts of the body with oxygen and nutrients needed for energy and growth and removing waste products from these areas.

recognise that the main parts of the human circulatory system are the blood, blood vessels and the heart.

recognise that this is a closed system in which the heart pumps blood round the blood vessels to reach all parts of the body.

recognise that other animals have different types of circulatory systems, which serve similar functions to the circulatory system in humans. Recognise that we need a sensible diet and lifestyle, including plenty of exercise, to keep our bodies healthy.

recognise that some lifestyles, diets and drugs are harmful, in particular because of the effect they have on the heart and circulatory system.

### Topic – Maya Civilisation

I can demonstrate that I have an understanding of the history of a non-European society that provides contrasts with British history

I can develop a chronologically secure knowledge and understanding of world history, establishing clear narratives within and across the periods they study by learning about the ancient Maya civilisation and understanding who they were and when and where they lived.

I can discover facts about the Maya civilisation and explain who the ancient Maya people were and when and where in the world they lived.

### Computing

#### Scratch

Children will learn how to programme and control a sprite using simple coding. Children will begin on Scratch Junior which is available on the iPad before moving on to laptops working with Scratch online.

### English

#### Narrative poetry

We will be studying The Highwayman for the next 3-4 weeks in English. We will be looking at classic narrative poetry and experiencing a variety of texts. We will focus on semi-colons, modal verbs, adverbials and also the present perfect form of verbs to mark relationships, time and cause. At the end of our unit, we will be writing an alternative ending to The Highwayman.

#### Instructions and Explanation texts.

We will be studying explanation texts after we have completed narrative poetry.

Children read and write instructions and explanations, exploring register, punctuating bullet points and adding parentheses. The unit ends with writing based on the children's interests

Our class read will be Wonder by Raquel Jaramillo

### French

Spring Term 1 Playing and enjoying sports and getting fit