

## Year 5 - Term 3

### Maths:

We will be learning about fractions this term. We will learn what equivalent fractions are and how you recognise them. We will also be comparing and ordering fractions, as well as converting improper fractions to mixed numbers. We will also add, subtract and multiply fractions and solve word problems. We will order, add and subtract decimal numbers and begin to learn about percentages of numbers.

### Computing:

This term we will be looking at coding. We will be designing and writing programs that accomplish a specific goal by explaining the different commands that are included within the code. As we further our learning we will be learning about simulation games and how we can use our knowledge to improve and add other elements to a basic game.

### Science:

We will study the topic Earth and Space this term. The children will learn about the universe, galaxies, the solar system, moons and constellations. We will be using the NASA website to research and find information. The children will explore and talk through their ideas, they will ask questions about scientific phenomena, as well as analyse functions, relationships and interactions systematically.

### RE:

This term, we will be considering the connections between the story of Moses and the concepts of freedom and salvation. We will discuss the connections between Bible texts and what Christians believe about the People of God and how they should behave. We will also look at ways in which Christians put their beliefs into practice by trying to bring freedom to others.

### Topic:

The children will learn about the Victorians this term. We will learn about children and schooling in the Victorian times, specifically children's toys and children as a workforce. We will also look at Queen Victoria's reign, as well as the health and welfare of the people living in these times.

### Music:

The children will be continuing to learn the O2 songs, from memory, in readiness for the performance on the 6<sup>th</sup> February.

### English:

We will continue to use the book "Kensuke's Kingdom" for our English lessons for the first couple of weeks. The children will write pieces linked to the story and incorporate the year 5 writing expectations. We will then study the book "Cosmic" by Frank Cottrell. This is linked to our Science topic, Earth and Space. The children will be learning to write effective story starters using powerful adjectives, questions and dialogue. We will be continuing to focus on using different techniques for effect, such as short sentences and focussing on the senses. The children will be expected to write complex sentences using a wide variety of conjunctions. They will also be expected to use topic words linked to science within their writing. Later on in the term, we will read and study the book "Street Child" by Berlie Doherty. This is linked to our topic for the term. As always, daily spelling and grammar exercises will be incorporated into the lessons.

**Home learning:** To practise the Year 5 & 6 words regularly

### SMSC & PSHE:

We will be thinking about our dreams and goals this term, focussing on our own dream jobs and what we need to do in order to achieve it. We will consider the dreams and goals of people in other cultures.

### Design & Technology:

The children will learn about Victorian toys and games this term. They will investigate the differences between Victorian toys and games and toys today. They will then attempt to make a Victorian-inspired toy using skills learnt in previous design and technology lessons.

### Italian:

The children will revise greetings, the verb 'to like' and articles. They will be introduced to demonstrative pronouns and sentence building. They will be practising members of the family, colours and numbers as well as math games and word search activities.

### PE:

We will begin the term with gymnastics. The children will re-cap shapes and balances they learnt in Year 4 and will then begin to think about developing sequences as well as symmetrical and asymmetrical body shapes. They will be expected to work co-operatively with a partner and develop moves that are linked together with fluency and good body tension.