

Maths: In the new year, we will be looking at multiplication and division. We will begin with recapping what division means using concrete resources and dividing 2 and 3 digit numbers with practical activities. We will cover the Year 5 objective of dividing 4 digit numbers by a 1 digit number using the formal written method for short division (bus stop method) with and without remainders. We will also be solving multiplication and division word problems. We will then begin our fractions topic using lots of visual resources. We will compare and order fractions whose denominators are multiples of the same number. We will identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths. We will learn to recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements as a mixed number. The children will learn to add and subtract fractions with the same denominator and denominators that are multiples of the same number. We will build up to multiplying proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.

Science:

This topic will focus on Science through our topic, "Earth and Space." We will describe the movement of the Earth, and other planets, relative to the Sun in the solar system and also the movement of the moon. Within our Science we will use the idea of the Earth's rotation to explain the day and night and the apparent movement of the sun across the sky.

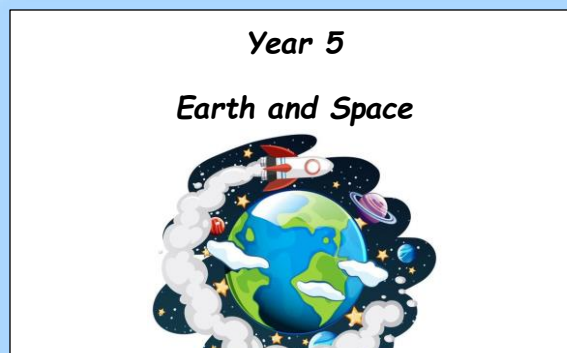
History:

We will begin our topic on 'Victorians' this half term and this unit will continue across the whole of the spring term. Children will be using their historical enquiry knowledge by looking at real life Victorian artefacts to understand what life was like. We will also look into the lives of Victorian children and compare this with our own lives today.

English: This half term, the children will be linking their writing to our new Earth and Space topic and will be reading 'Hidden Figures'. We begin the term by writing an eye-witness account from the perspective of Katherine Johnson. We will then be writing science fiction narratives, where we will create our own planet and alien. Throughout the term, we will be focusing on our grammar and ensuring we are choosing high level vocabulary. We will continue with our VIPERS sessions, where the children will be able to explore a wide range of high-quality texts and genres. Using these texts, we will build on our comprehension and inference skills.

MFL:

The topics in Spanish this term are food, shopping and healthy eating. Children will learn vocabulary and grammar such as saying 'I have' and 'I don't have'. They will recap likes and dislikes.



Wellbeing Curriculum:

Within our Wellbeing curriculum, we will be thinking about who and what keeps us safe where we will learn some basic first aid skills. We will also be taking part in "Children's Mental Health Week".

Music: Within music we will be using the I pads to create our own Sci- Fi music. We will be creating our music on a software called Garage band.

Computing and Global Scholars: In Unit 3, students learn the benefits of green spaces to cities. Students research the benefits of green spaces to their city's economy, health, systems, or cultures. They play a game to learn about the impacts of urbanization on ecosystems and people. Using their Week 1 research and Week 2 game notes, students choose a local urbanization challenge to address in a green space design plan. In the digital project, students create a 3-D model for a green space that addresses an urbanization challenge in their city

RE:

We are continuing our learning about Sikhism, looking at lifestyle and scripture. We will look at how stories impact lives and their importance.

PE: This term the children will be taking part in dance sessions and fitness sessions with Mr Thompson. We will also be doing our weekly run to maintain fitness! Swimming will be on Fridays for 5M and 5A. In the summer term, 5J will have their swimming sessions.

Reminders: The children will continue to receive weekly spellings and alternating Maths/English homework on a Thursday. As well as this, it is vital that all children are reading each evening. This should be recorded in contact books daily.

