

In Maths, we will be continuing to work on our mental recall of times table and division facts. We will be multiplying numbers up to 4 digits by a one or two digit number and we will also be dividing numbers up to 4 digits by a one digit number using the formal written method of short division and interpreting remainders appropriately for the context. We will also be completing problem solving tasks involving addition, subtraction, multiplication and division, thinking carefully about the process and how we can check our answers. We will also be looking closely at fractions and decimals.

In Science, we will be looking at a range of different forces including gravity, air resistance, water resistance and friction. We will be developing our understanding of balanced and unbalanced forces and their effects and will be investigating how mechanisms, like levers, pulleys and gears, help us to use smaller forces. We will also be learning about plants and animals. We will be describing the differences in the life cycles of a mammal, an amphibian, an insect and a bird and the life process of reproduction in some plants and animals.

In Computing, we will be learning about the importance of E-Safety. We will also be learning about coding and programming using Scratch. We will be using the laptops and the LearnPads in many areas of the curriculum.

In Art, we will be studying the work of artists from around the world thinking about their style and the techniques that they use.

In Design and Technology, we will be designing, making and evaluating adventure maps. We will be using our computing skills to program floor robots to follow our maps! We will also be studying the different types of food eaten around the world.

In French, we will be learning about streets and how to give directions. We will also be developing our knowledge of how to share our opinions.

In English, our texts for the Spring term will be linked to the theme of 'Journeys'. In our first text, 'Goodnight Mr Tom', we will be focusing on the how Will is taken from his home and how his life changes as a result. We will then be investigating the text 'The Journey' and producing some wonderful fiction and non-fiction writing inspired by it.

In our Topic work, we will be thinking about journeys. We will be considering why people choose to live in rural and/or urban areas and how their job and lifestyle choices may differ. We will be thinking about geographical features of these areas and how they are shown on maps. We will be looking at keys and creating our own.

In R.E, we will be focusing on God and investigating the question 'What does it mean if God is holy and loving?'. As part of our learning, we will be explaining connections between biblical texts and Christian ideas of God as well as making clear connections between Bible texts studied and what Christians believe about God.

In Music, we will be taking part in a Brass Workshop with Mrs Ford from Gloucestershire Music. We will be learning about the instrument families and their different sounds, listening to music from around the world and having a go at making up some music of our own.

In Games we will be developing our ball skills whilst playing invasion games. We will be combining and using techniques to attack and defend. We will also be using our skills to play team games. In P.E. we will be going swimming every Monday afternoon and will be developing our swimming techniques. In PSHE we will be learning about the topics 'Good to be me' and 'Going for Goals'.

