Year 4 - Autumn 1 Learning Overview

Maths	Reading	Writing	Science	PSHE
In this half term, the children will spend time learning about place value in numbers to 10,000. By the end of the half-term, they will have spent time improving their ability to compare, order and represent numbers to 10,000 in a variety of ways. In the second half of this half-term, we will move on to our addition and subtraction topic, in which the children will learn how to use a variety of written and mental methods to solve addition and subtraction problems with 4-digit numbers.	In reading this half-term, Year 4 will be developing their inference, retrieval and summarising skills while exploring their first class text, which is the exciting fictional novel 'Varjak Paw' by S.F. Said. The children will also explore poems and non-fiction texts about rivers.	This half term, Year 4 will begin by writing a non-chronological report about the inspirational person their class is named after. They will learn how to use factual language to inform a reader and organise their work into paragraphs with subheadings. Following this, the children will be learning how to create a suspenseful piece of writing as they create a warning story. They will be developing their ability to use grammar features like fronted adverbials, direct speech and lists of 3 to improve their writing.	In our science topic this half term, the children will be exploring the topic of 'Human Impact', in which they will be investigating the positive and negative impact that humans can have on their local environments, with a particular focus on littering and the impacts this can have on the environment. As part of this exciting topic, we will be conducting a litter survey in our local area to analyse the quantity and types of litter in an inner-city environment. We will then be discussing the impact that litter can have on food chains and animal's habitats.	This half term, pupils will be developing their understanding of **mental health and wellbeing** through purposeful whole class discussions and reflections. They will learn how to effectively describe their feelings and emotions, identify different ways of managing their frustrations and consider how grief and loss can affect people.
MFL	**RE**	**Geography**	**PE**	**Music**
The children will continue to have their weekly Mandarin sessions delivered by their specialist Mandarin teacher this year.	This half term we will be exploring the Sikh faith. In this topic, the children will learn about the beliefs and practises of Sikhs and why Gurus are at the heart of their faith. They will also learn about the celebration of Diwali.	This half-term, Year 4 will be exploring the topic of rivers and the important role they play in the water cycle. We will spend time investigating how the water cycle works, learn how to describe the different features and stages of a river and be able to name and locate some of the world's longest rivers on a map. Also, within this exciting topic, we will be undertaking a fieldwork investigation trip to the River Aire, where we will be collecting data around the features of the river.	This half-term, our Year 4 classes will be developing their understanding of how to stay fit in their weekly fitness lessons. They will also practice their ability to perform gymnastics routines with stability and control.	In Music, the children will be having weekly sessions with our specialist music teacher, Mr Graham. In the sessions, the children will explore a variety of instruments and musical pieces.