

In **Maths**, the children will use their solid foundations of place value to strengthen their skills and knowledge with the four operations: addition, subtraction, multiplication and division. Formal methods will be introduced for all four operations, which children will become more fluent in using as the term progresses. There will be a continued strong focus on reasoning and problem solving. At the end of term, the children will apply their learning to solve area of shape problems.

In **Gym**, the children will be thinking about how to use balance and rotation to make a creative aerobic sequences.

Our **Geography** led project will focus on the study of rivers, and in particular the River Tees and River Loddon. The children will be using maps and atlas's to learn about the physical features of a river as well as how a river may change in different seasons. Finally, we will compare the usage of these rivers compared to the River Ganges in India.

In **Music** children will be introduced to traditional Indian instruments. They will be reading and playing given notes to improvise a rag and then explore different timbres on percussion to add a drone to their final performance piece.



Raging Rivers

This term, Year 4 will explore the big questions:
Are all rivers the same? Where does the water come from and where is it going?

English, will begin this term with a narrative unit using the text 'Journey' by Aaron Becker. The children will be writing the narrative to this wordless adventure book which involves a child who uses a magic crayon to draw a door which leads to many new places.

Our second unit of this term will be a unit of poetry. The children will be looking at the language and features of poetry building up to writing their own poems about the River Loddon and the River Tees, using the knowledge they learn in their Geography lessons.

In **HeartSmart** worships this half term, we will be focussing on the principle 'Don't Forget to Let Love In'. During these lessons, we will discuss how we can learn to love ourselves, as well as helping others to feel loved and respected. We will also be having a one off **PSHE** lesson, in which we will talk about different kinds of marriage and the history of marriage.

This half term children will develop their social skills in **PE** through jumping and landing skills. They will be not only be praising and encouraging each other, but also supporting others by giving helpful feedback.

Children will build upon their Year 3 knowledge in **French** by learning how to introduce themselves including saying how they are and where they live.

In **RE**, children will be learning about the incarnation of Jesus through the Nativity narratives and how it relates to the Trinity.

The children will learn about programming, algorithms and debugging in **Computing** this term. They will use these skills to programme a quiz about their current topic.

In **Science**, this half term, the children will study states of matter. They will learn about the different processes involved in changing from solids, liquids and gases through heating and cooling. This learning will also enable them to understand the water cycle, which links to our project about rivers. The children's investigative skills will be built upon as they experiment with the viscosity of liquids.