Year 5: Autumn 2

RE

This half term we are starting Branch 2 of our R.E curriculum- Prophecy and Promise. The children will be looking at how Israel's first kings, Saul and David, were chosen, and how David—a humble shepherd from Bethlehem—was called to be a different kind of king. We will be looking in detail at David's anointing and reflecting on Jesus' connection to David through Joseph. Additionally, we will be exploring and listening to the 'O Antiphons of Advent' and how they express hope for Christ's coming as we enter the Advent period.

English

This half term in literacy we will be covering a range of genres while looking at our two class texts 'The Lost Thing' and 'The Lizzie and Belle Mysteries: Drama and Danger'. We will be using our VIPERs skills to help develop our reading comprehension as well as writing recounts, letters and instructions from the points of view of characters in our story.Grammar work will focus on basic punctuation skills and looking at the different word types of nouns, verbs and adjectives. The children will also continue to receive weekly spellings to help develop their language and confidence in using these trickier words within their writing.

Maths

This half term, the children will be focusing on multiplication and division as well as fractions. With multiplication and division, we will be strengthening the children's confidence and understanding in multiplying and dividing numbers by 10, 100 and 1000 and how the number moves positions within a place value chart. As we start to look at fractions, the children will be exploring equivalent fractions, ordering fractions as well as how to add and subtract fractions.

Topic- Extreme Nature

This term we are studying Extreme Nature. We will be looking at the structure of the earth and how the movement of tectonic plates can lead to earthquakes occurring and volcanoes forming. The children will also consider the consequences of natural disasters ,such as earthquakes and tsunamis, looking at the support and resources that people who are affected need

Science- Forces

This half term our Science topic is Forces. The children will learn about gravity, friction, and resistance, and how simple machines like levers, pulleys, and gears can be used to make work easier. Key concepts include understanding that gravity pulls objects toward the Earth, friction and air/water resistance slow objects down, and that mechanisms can multiply force to lift or move heavier loads. Students will learn about the relationship between mass and weight and how to conduct fair tests to explore these ideas. Some investigations and experiments we will be conducting include testing our own parachutes and testing if gravity is affected by mass.

Computing

In Computing, we will be using PurpleMash for our topic of Game Creation. This unit introduces children to the process of designing and creating interactive games using Purple Mash . Children will design and make their own 3D maze adventure game using the 2DIY3D tool, assessing the effectiveness of their own and other's creations.

P.E

In P.E this half term, the children will be focusing on Football and Badminton. They will have two lessons a week with PSD instructors and coaches in which they will develop skills and play various games related to the focus.

DT

Linked to our Science topic of forces, children will design their own catapult launcher investigating the idea of levers and pulleys. Following the DMEA process (Design, Make, Evaluate assignments), the pupils will explore similar products on the market before planning and designing their own catapult before ultimately making and testing their creation.