**Maths**

This half term will continue to explore formal written Fluency, Multiplication and Division Facts (Times Tables) & Year 5 - Formal Written Method for Multiplication & Short Division, Fractions: Equivalent, Compare and Order, Adding and Subtracting as well as Factor Pairs and Problem Solving, including Measures, Perimeter.

**Science:**

**Materials: Properties and changes:**

We will be broadening our experience of the properties of materials: investigating hardness, transparency and conductivity and consider how these properties influence the uses of materials.

We will also explore reversible and irreversible changes.

**Geography** Population

We will identify the most densely and sparsely populated areas, describe the increase in global population over time and begin to describe what might influence the environments people live in. Then we will describe the causes of climate change, explaining its impact on the global population and suggest an action they can take to fight climate change.

**Religious education**

**Islam:** We will be learning how What does the Qur’an reveal to Muslims about Allah and his guidance?

**Christianity:** We shall also be looking at the Christmas story.

**Music**

**Sounds:**

Children use their voices to make beat box sounds, learn to sing 4-part songs and perform a jazzy round.

**PSHE -**

**Celebrating Difference**

We will learn that there are different perceptions about what *being normal* means and explain ways in which difference can be a source of conflict and a cause for celebration. We will be learning about Protective Characteristics to deepen our understanding of differences.

**MFL: Spanish**

**What is the date? Qué Fecha Es Hoy?**

Children will say their name, age & numbers, learn the months of the year, ask when they/somebody has a birthday and say the date.

**PE:**

This term we will be developing our tennis and dance skills.

**PE days are Mondays and Fridays Please ensure your child wears their PE kit on these days.**



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**Design & Technology: Structures**

**Pavilions**

We will ivestigate and model frame structures to improve their stability. Then we will apply this research to design and create a stable, decorated pavilion.

**Computing**

**Online safety:** We will learn how to identify safe sites, what a digital footprint is and the importance of limiting our screen time.

**Coding:** We will create a simple playable computer program using 2Code, whereby children can use a background and objects to create a scene, plan an algorithm for their scene and use 2Code to develop a program that includes includes an an IF/ ELSE statement. and understand the Repeat until command.

**English**

We will be exploring and engaging with the following texts: *Remebrance poetry & water themed poetry, Antarctica and Cloud Tea Monkeys.*

**Reading**

Stand-alone daily guided reading sessions will continue in addition to the texts we explore in our English lessons.

Children will also continue to have a reading book to read at home as well as in school.

