

English:

Our first writing stimulus this half term will come from the poem **The Hope-o-potamus** by Greg James and Chris Smith. The poem is taken from **'The Book of Hopes'** - an inspiring and comforting collection of short stories, poems and illustrations.

*We will be developing our skills for writing by firstly imitating a variety of poetry structures.

This will allow us to rehearse the skills of applying high quality word choices with the appropriate grammatical structure.

*Independently, we will be challenged to write our own poem based on Hope.

*Our second piece of writing will be cross-curricular linked to our **Geography** learning. We will independently research and write an explanation text on, **'How are different species each suited to their different climates?'**

PE: Every Thursday, our PE coach will be teaching the skills needed for **Tag Rugby**. We will apply skills and techniques to small and large game situations, using tactics and strategies to improve performance.



Picasso Class (Y5/6)
Autumn 2022

Maths:

Place Value (Year 5 and 6 Objectives):

*Understand the place value of numbers up to ten million (Year 6) and one million (Year 5).

*Compare and order any number.

*Round numbers to varying degrees of accuracy.

*Calculate with negative numbers.

Number (Year 6 Objectives):

*Use formal written methods to calculate a range of problems using all four number operations.

*Consolidate understanding of cube, square and prime numbers.

*Calculate using factors, multiples and the order of operations.

Number (Year 5 Objectives):

*Add and subtract using formal written methods.

*Develop an awareness of inverse operations.

*Solve multi-step problems which incorporate both addition and subtraction.

French:

Our focus is **La Date**. We will be asking and answering what the date is in French. Also, we will ask and answer the question, 'When is your birthday?'. We will also learn/recap the days of the week, the months of the year and numbers 1-31 in French.

RE: Our Big Question this half-term is, **'What kind of King is Jesus?'**

Geography:

Picasso will be investigating **Climates and Biomes**. We will be developing our knowledge about the world's main climate zones and their key characteristics. Also, we will examine how the world's vegetation belts are linked to climate zones and the meaning of the term 'biome'. We will develop our understanding of how plants and animals are adapted to their different biomes.

Our locational knowledge and geographical skills will be extended through identifying countries/biomes using atlases and reading information from climate graphs.

Computing: **Year 5** will develop their understanding of computer systems and how information is transferred between systems and devices. **Year 6** will explore how data is transferred on the internet, initially focusing on addressing, before they move on to the makeup and structure of data packets.

Art/DT

We will be learning to design work with fonts and layout. This is called **Typography**. We will then go on to create our own visual and three dimensional artwork based on our individual **Hope** poem.

Science:

Our learning this half-term is focused on **Forces**. We will explore how unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object. We will investigate and identify the effects of air resistance, water resistance and friction that act between moving surfaces.

We will also examine and explore the workings of mechanisms, including levers, pulleys and gears.

Music: Our focus is **'Music Brings us Together'**.

PSHE: **Myself and My Relationships - Beginning and Belonging**