

Maths

The children will begin this term by recapping and furthering their understanding of place value. This will include recognising, partitioning and rounding numbers up to seven digits long. They will develop their understanding of decimals up to three places, including how to multiply and divide by 10, 100 and 1,000.

Number sense - Understanding place value to 1,000,000, including rounding to the nearest 10, 100, 1000, 10,000. Using Roman numerals.

Additive Multiplicative reasoning - we will be developing confidence in selecting and applying appropriate written methods to solve number sums and word problems. Geometric reasoning - Explaining and calculating angles using mathematical vocabulary.

Art

Children will look to develop their art and design techniques, including drawing, painting and sculpture with a range of materials.

PSHE

We will begin the term with transitions and managing new changes. We will discuss and consider how to make our classes and school: safe, welcoming and respectful environment. Year 5 will then move onto consider family and friendships and how they change over time. We will discuss how to maintain existing friendships whilst forming new relationships and how to deal with the pressures that friendships face. We will also consider different structures of the family. We will end the term by focusing on Anti-bullying, which will coincide with Anti-Bullying week in November.

Year 5 – Journey to Jo'burg

Useful Websites

BBC Bitesize- <https://www.bbc.co.uk/bitesizeNational>

Geographic Kids- <http://www.natgeokids.com/uk/TopMarks>

Maths- <https://www.topmarks.co.uk/BBC>

<https://www.sumdog.com>

History for Kids-

<http://www.bbc.co.uk/history/forkids/index.shtml>

Science

Throughout this term, the children will continue to develop their ability to work scientifically, building upon their knowledge from previous year groups. They will continue to use technical terminology accurately. They should build up a specialist vocabulary and apply their mathematical knowledge to their understanding of science, including collecting, presenting and analysing data. Pupils will begin the first part of term studying forces. They will be able to explain how objects fall towards the Earth because of the force of gravity. They will identify the effects of air resistance, water resistance and friction that act on surfaces. In the latter part of the term, pupils will focus on the properties of materials including their solubility, conductivity and response to magnets. They will also investigate reversible and irreversible changes and how these can form new materials.