

MATHEMATICS

Place Value:

We will begin counting in 1s, 2s, 3s, 5s, 10s and looking at number sequences (2s, 3s, 5s are for Yr 2 mainly). The children will practise writing and reading numbers in digits and in words (For Year 2 this is numbers to at least 100). We will compare numbers using language such as more than, less than and equal to and the Year 2 children will use symbols to compare too (< > =). We will spend a lot of time reinforcing the place value of each digit, understanding how many tens and how many ones are in a number for example.

Addition/Subtraction:

We spend lots of time looking at number bonds and related facts. These are pairs of numbers that make a total – for example pairs of numbers that make 10 (Yr 1) and make 20 and 100 (Yr 2). We move on to adding and subtracting numbers with concrete objects, pictures and mentally. (Mainly aimed at Year 2). The children will learn to solve one step problems involving addition and subtraction. Year 2 children will be taught to recognise and use the inverse relationship between addition and subtraction and also that addition can be done in any order but subtraction cannot.

Multiplication and Division:

Year 2 children will move onto this after half term beginning with repeated addition to solve multiplication problems.

2-D and 3-D Shape:

This unit of work will involve identifying and recognising 2-D and 3-D shapes and discussing their properties.

SCIENTIFIC & TECHNOLOGICAL UNDERSTANDING

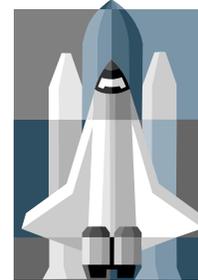
SCIENCE:

'Materials' - We will be focussing on identifying and classifying materials and then comparing their properties to find which are best in different conditions.

Practical Investigations – Which material is best?

COMPUTING: We will be using Bee Bots to explore a map and thinking about how to program them.

Explorers! Apple Class Term 1&2 (Sept-Dec) 2017-18



HISTORICAL, GEOGRAPHICAL & SOCIAL UNDERSTANDING

HISTORY/GEOGRAPHY:

We will study the lives and significance of Christopher Columbus and Neil Armstrong. We will compare the equipment taken by Columbus and Armstrong on their voyages. Discover navigation techniques and learn about the materials used. We will also research the polar expeditions of two pioneers Ernest Shackleton and Tenzing Norgay. As a class we will follow their journeys and understand what they needed to take on an expedition in cold extreme conditions.

RELIGIOUS EDUCATION

Our focus question is *Is everybody special?* We will learn the parables of The Lost Coin and The Lost Sheep. We will then look at Baptism and the meaning of baptism symbols. The children will also learn about the Golden Rule in religion.

UNDERSTANDING PHYSICAL DEVELOPMENT, HEALTH & WELLBEING:

PSHE: We will be linking these sessions in with the whole school value of Friendship.

PHYSICAL EDUCATION: We will have P.E 3 afternoons a week and will be focussing on rugby, football and coordination skills before half term and hockey after half term.

ENGLISH & LANGUAGE:

We will begin by looking at The Way Back Home about a little boy who goes exploring and ends up meeting a strange creature on the moon. We focus on a few quality sentences per lesson and with lots of modelling so the children learn how to be effective writers. Towards the end of the first term we will move on to look at poetry.

After the half term break our story focus will be Last Stop on Market Street. We will then look at some non-fiction work on animals found in cold regions.

READING/SPELLING:

We have weekly focused guided reading sessions in groups and also have 1:1 reading time throughout the week. We have class handwriting practice 4 days a week and the children have weekly spellings to practice at home. These will be given out at the end of each week and children will be tested on **Thursday afternoons**.

UNDERSTANDING ARTS AND DESIGN

MUSIC: The first unit until half term is called Hey You! It is written in an old school hip hop style for children to learn about the differences between pulse, rhythm and pitch and to learn how to rap and enjoy it in its original form. As well as learning to sing, play, improvise and compose with this song, children will listen and appraise other old school hip hop tunes. After half term, the unit is focused around two songs: Rhythm In The Way We Walk (Reggae style) and The Banana Rap (Hip Hop style). We will also be practising for our nativity.

ART: We will look at the Italian artist Arcimboldo and created our very own fruit and veg faces inspired by his work. We will be looking at still life drawing and doing some observational drawings using different medium and experimenting with colour. Our focus artist will be Vincent Van Gogh and the children will have an opportunity to create their own work in his style. We will be doing detailed pencil drawings of the school, then making a model of the school from junk modelling (so please keep small junk boxes handy). After half term we will be drawing animals from the Arctic, then making them out of clay and creating snow pictures using different mediums.

HOMEWORK

Homework will be set on **Fridays** and will be due in on **Wednesdays**. This will be a mixture of English, Maths, Topic and General Knowledge activities.