English

Tadeo Jones - The Literacy shed

The children will write a diary entry from the perspective of Tadeo Jones! They will use gripping and imaginative vocabulary, first person, fronted adverbials and extending sentences by using a range of conjunctions.

Arthur and the Golden Rope

A story of adventure and bravery. The children will write a character description of the wolf, using descriptive and vivid vocabulary.

Cinderella of the Nile

Children will look at the Egyptian version of Cinderella and retell the story.

Key vocabulary: **accidentally, appear, arrive, believe, breathe, breath, caught, circle, continue, decide, disappear, enough, experiment, heard, heart, imagine, increase, interest, naughty, notice, ordinary, peculiar, perhaps, possible, special, strange, through**

Maths

Number and place value with measurement

The children will measure, compare, add and subtract lengths (mm/cm/m); mass (kg/g), count up and down in tenths; recognising that tenths arise from dividing an object into ten equal parts and in dividing one-digit numbers or quantities by 10, recognise the place value of each digit in a three-digit number (hundreds, tens and ones) and find 10 or 100 more or less than a given number.

Addition and Subtraction

The children will recognise the place value of each digit of a four-digit number (thousand, hundreds, tens and ones), order and compare numbers beyond 1000, round any number to the nearest 10, 100 or 1000, estimate and use inverse operations to check answers to a calculation, add and subtract numbers with up to 4 digits using formal written methods and subtraction where appropriate, solve addition and subtraction two-step problems in context, deciding which operations and methods to use and why.

Science

Year 3 Magnets and forces

Children will compare how things move on different surfaces, notice that some forces need contact between two objects, but magnetic forces can act at a distance, observe how magnets attract or repel each other and attract some materials and not others, compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials, describe magnets as having two poles and predict whether two magnets will attract or repel each other, depending on which poles are facing.

Key vocabulary: **Force, push, pull, twist, contact force, non-contact force, magnetic force, magnet, strength, bar magnet, ring magnet, button magnet, horseshoe magnet, attract, repel, magnetic material, metal, iron, steel, poles, north pole, south pole**

Year 4 States of matter

In this chemistry topic, the children will learn about the differences between solids, liquids and gases and what effect cooling and heating has on these states of matter: particularly how heating speeds up the process of evaporation. We will also look at the different processes involved in the water cycle.

Key vocabulary: **Solid, liquid, gas, state change, melting, freezing, boiling, melting point, boiling point, freezing point, evaporate, evaporation, temperature, water cycle, matter, air, oxygen, ice, water, water vapour, steam, heated, cooled, precipitation, degree Celsius, solidify, condense, condensation**

Honey Bee Class Topic Web
Autumn 2

Egyptians

History

What did The Egyptians manage to achieve?

Children will be able to identify similarities and differences between the earliest civilisations and why they were significant, identify the issues with Egyptian chronology, use reasoning to justify Egyptian achievements and identify the main elements of Egyptian society.

Art

Ancient Egyptian Scrolls

Children will recognise and discuss the importance of Ancient Egyptian art, consider the suitability of a surface for drawing, record colours, patterns and shapes through observational drawing, choose and use tools and materials confidently, begin to experiment with drawing techniques, create a selection of sketches that show idea exploration, and produce a final design with a clear purpose.

Key Vocabulary: **Ancient, audience, civilisation, colour, composition, convey, design, Egyptian, fold, imagery, inform, layout, material, painting, papyrus, pattern, process, scale, scroll, sculpture, shape, technique, zine**

Jigsaw

Dreams and goals

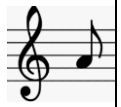
The children will look at their hopes and dreams and learn that sometimes they don't always go to plan. They will identify what to do when things don't always pan out the way they'd hope and develop strategies to cope and how to strive for positive changes.

Computing

Programming - Sequencing sounds

This unit explores the concept of sequencing in programming through Scratch. It begins with an introduction to the programming environment, which will be new to most learners. They will be introduced to a selection of motion, sound, and event blocks which they will use to create their own programs, featuring sequences. The final project is to make a representation of a piano. The unit is paced to focus on all aspects of sequences, and make sure that knowledge is built in a structured manner. Learners also apply stages of program design through this unit.

Music



Y3 - Brass

With Mr Stroud

Y4 - Body and tune percussion

Children will identify the structure of a piece of music, have an idea as to when there is one layer in a piece of music and when there are two, play a sequence in the correct order in time with their partner and have two contrasting rhythms being played together with two different melodies.

PE

We shall be looking at hockey and dance during PE lessons this half term. Year 3 will also be taking part in their Swimming lessons.