

September 2018

Curriculum Newsletter for Parents

Year 5 Class teachers – Miss Downs, Miss Hume, Mrs Baycanli and Mr Waller

Dear Parent,

Your child will be working on the following curriculum during this term. Please feel free to talk to the Class teacher about any area of this curriculum.

Mathematics

Place Value - Children will learn to count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000. They will round, order and compare numbers to at least 1,000,000.

Addition and Subtraction - Children will solve addition and subtraction multi-step problems in contexts. They will develop their skills in adding and subtracting numbers mentally with increasingly large numbers.

Fractions and Decimals - Children will compare and order fractions. They will identify, name and write equivalent fractions. Children will read and write decimal numbers as fractions and round decimals to the nearest whole number and 1 decimal place.

Multiplication and Division - Children will multiply and divide numbers including those involving decimals. They will be drawing upon known number facts to multiply and divide numbers mentally.

English- Street Child

Children will be exploring, interpreting and responding to a high quality text. Set in the second half of the nineteenth century, Street child tells the story of a boy called Jim who, after a series of misfortunes, spends time in the workhouse as a child labourer and lives on the streets. The book is based on the true story of an orphan whose plight inspired Doctor Barnado to try to help street children, and led to the founding of his children's homes. Exploring the novel enables children to discuss challenging themes including cruelty, injustice, resilience and humanity. It also enables children to develop an understanding of issues such as poverty and child labour. Furthermore, the children will learn about character development, emotional response and changes of setting in narrative fiction. The narrative structure is carefully crafted and the characters are developed, offering readers a strong plot that is emotive, that they can relate to. Children will then use this model for their own story planning and descriptive writing.

Grammar: Converting nouns and verbs using suffixes
Verb prefixes

Computing

In ICT we will explore programming by sequencing a series of instructions for programmable toys in order to negotiate a created 'moon terrain' avoiding obstacles and deep craters. They will complete lunar missions, carrying a flag to a designated point on their own moon surface or collecting scientific samples for analysis.

Science

This term we will be recording data and results of increasing complexity using scientific diagrams, labels, classification keys, tables, bar and line graphs and models.

P.E

Basketball

Taking on the roles of the planets, we'll use movement to demonstrate the motions of the planets and moons in Dance.

Music

Space inspired music and lyrics

Violin lessons

PSHE

Children will be learning about how to value themselves and others and make better life choices. They will learn valuable life skills and develop strategies to deal with risky situations.

THROUGH THE CORNERSTONES TOPIC OF STARGAZERS

Journey through space - the final frontier! Let's take a trip to the stars, planets and suns and discover the amazing wonders of the night sky.

History

Children will study an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066. They'll learn about Galileo, the 'father' of modern astronomy and his famous astronomical discoveries, and Sir Isaac Newton!

Geography

We will be using a range of aerial images of the Earth to identify geographical features such as countries, continents, volcanoes, rivers and impact craters. We will refer to globes and maps to make their identifications.

Art/DT

We will be making a space shuttle or satellite, testing the materials for durability, and we'll program toys to explore a lunar landscape. We will also be exploring different printing techniques.

Science

During this half term, we'll read information texts to find out about the Solar System and the Sun, using mnemonics to help us remember the facts. We'll make a Solar System and investigate the cycle of day into night, as well as describing the forces responsible for making the planets spherical.

Class Assemblies or trips:

1st October 09.10am 5H

5th November 09.10am 5D

Trips dates TBC