



Year 5 Spring Curriculum Information



What we are learning at school

Maths

*Formal written methods of multiplication and division
Fractions (equivalence, comparing and ordering, adding and subtracting) Problem solving with all four operations
Multiplying fractions by whole numbers and problem solving
Converting units of measure
Percentages and problem solving*

English

We will continue to focus on our Grammar skills and using our best presentation at all times. We will be working as a school on JOURNEY by Aaron Becker where we will be working on developing spoken language, text engagement and writing stamina.

Another of our English topics will be focused on hidden figures Margot Lee Shetterly. We will also be looking at Tales from outer suburbia by Shaun Tan.

Science

*In our Science unit, we will be looking at forces.
We will learn about the different forces that act on objects, such as friction, gravity, pushing and pulling forces, buoyancy etc.
We will also begin looking at living things and their habitats. We will learn about the relationships between animals and their environment and the importance of balance in ecosystems.*

How you can help at home

Visit

*The Science Museum to learn about forces.
The Olympic Park in London to see Anish Kapoor's Orbit Tower.
The Fitzwilliam Museum to see some of Barbara Hepworth's sculptures.*

Read

*What other books have Aaron Becker, Laurence Anholt and Margot Lee Shetterly written?
Can you find a non fiction book all about the exploration of space?*

Watch

News programmes to find out more about what is happening in the world.

Geography

We will be looking at mountain during our geography lessons. We will learn how they are formed, where they appear and how they affect the lives of the people around them

Art and DT

In Art we will be learning about sculpture. We will focus on the work of sculptors such as Barbara Hepworth and Anish Kapoor. In DT we will be making our own electric cars and Maximizing their design for drag racing speed.

Computing

In Computing, we will be looking at databases. We will be learning about how these tools are used to manage information. We will also be making music videos for GroveFest using video editing software and creating our own digital games.

French

In French, we will be learning about food and places in our local town.

Music

We will be studying the dramatic piece 'A Night on the Bare Mountain' by Modest Mussorgsky, looking at how the musical elements are used to create excitement. We will create our own version of the piece using a variety of pitched and un-pitched percussion, recognising the difference between drone and melody.

The musical elements focus for our compositions will be pitch, tempo, and dynamics.

RE

We will be looking at the Jewish celebration of Passover. We will also be looking at the importance of symbols and actions in different religions. We will then be moving on to Leadership and challenges in Christianity and Judaism.

Talk about

Have you ever seen a mountain? Where was it? What was the surrounding area like? Was there a town nearby?

Why?

Try these websites

TTRockstars – Keep practising – do not let those skills get rusty.



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PE

Dance- Exploring the topic using compositional principles. Extending sequences with a partner, creating movement-using improvisation where movement is reactive.

Cricket – Refining batting and developing batting and bowling tactics. Refining fielding, stooping, catching and throwing. Combining bowling and fielding, creating and applying tactics. Introducing umpiring and scoring.

PE kit must be worn in all PE lessons

Warm clothes are recommended during the colder months.

Values

This term our personal best words are cooperation, reflection, self-discipline and empathy.

Homework expectations

Reading: Children must write at least 3 comments in their planners each week. They are able to change their books whenever they have finished a book. They must have a reading book with them at all times. Spelling: Children will be given spellings to learn each week and will be tested the following week. Please help your children with their sentences and encourage them to learn the spelling patterns each day. Times tables: Children are expected to continue practising using TT Rockstars.