SPRING 2023

Year 5





Computing

We are developers
We will be designing and developing a game.



E-safety
Privacy/security
Digital footprint
How to keep yourself safe online

Science

Forces
In this science unit Year 5 will learning about: gravity, friction, air resistance, water resistance, levers and pulleys and gears.

The children will be conducting their own experimental designs in our gravity lesson. This will help them develop their investigative scientific skills, through their practice of observing and recording their findings.

History & Geography

History
For the first half term we will be continuing from the Roman Empire and learning all about the early Islamic civilization. We will be developing our knowledge and understanding of events by following the chronological order in which they occurred. Learning will then move onto The Tudors during the second half term focusing on how the War of the Roses altered England's paths and create a new monarchy.

Geography
For the first half term we are continuing our work on extreme weather in Asia by focusing on exploring Baghdad. We will be working on; using maps accurately alongside developing our place and location knowledge. For the second half term, the location of a variety of places in relation to human and physical features. Using maps and locational figures will support geographical language development.

Music

Singing Assembly will take place every Wednesday mornings.
Training from Singing Playgrounds will be utilised.

English

Reading
We will be studying different text types and developing the skills required to be an outstanding reader.

Class Novel
The Weather Weaver & The Nowhere Emporium

Writing
This term we are exploring the theme of nature (specifically the weather) and from this writing our free-verse poetry. This links with our class text (the weather weaver).
We also are writing non-chronological reports, focusing on developing our non-narrative writing ability.

How can you help at home?

It will be a wonderful, jam-packed spring term in year 5.
There are many ways you can support the children's learning. Please read with your child every day. Please ensure that your child brings in their reading journal every day. This is part of the collaborative effort to help improve the children's reading. The more words that children read/hear, the better they will perform in all areas of the curriculum. You can support them by asking questions like "What do you think will happen next? Why do you think the character said that? What does that word mean?" Encourage them to use an online dictionary to look up words they have never seen before.

Check your internet security settings. Did you know you can set the internet to only be accessible at specific times from certain devices? We are more than happy to help with this – please contact the school office for support.

Play online maths games such as TTRS or Hit the Button to improve maths fluency and recall.

If you are concerned about anything, please get in touch with your child's teacher through the school office. Homework is given weekly on Seesaw. Please make sure this available to you as it is crucial to their learning.

MFL

Mandarin
This year all year 5 children will benefit from a weekly lesson in Mandarin. Reading, Writing, Speaking and Listening will develop as learn to ask siblings' ages and respond. 你好

ART & Design Technology

Art
Area of study—Drawing: Typography and maps
Artists - Louise Fili, Grayson Perry, Paula Scher, Chris Kenny
Design Technology
Mechanical systems – pulleys and levers. Produce a controllable toy vehicle

Mathematics

Fractions A
In this maths unit, year 5 will:
•Identify equivalent, unit and non-unit fractions
•Work with mixed and improper fractions – comparing, converting, adding and subtracting

Multiplication and division B
In this maths unit, year 5 will:
- Use the short multiplication method to multiply 2-digit numbers by 2/3/4-digit numbers
- Use the short division method to divide a 4-digit number by a 1-digit numbers.
- Divide with remainders
- Solve division and multiplication problems

Fractions B
In this maths unit, year 5 will:
- Multiply fractions and mixed numbers by an integer
- Find fractions of quantities and amounts

PE

Year 5 will have PE every Wednesday week 1 and Tuesday week 2. Please ensure children arrive in school in their PE kit.

Dance – In dance, children:
•perform a range of movement patterns
•explore movements ideas inspired by a stimuli
•combine movements, using basic compositional principles to create and perform dances.

PSHE

Keeping relationships healthy and safe
Puberty Sessions included.

RE

Being accountable
The importance of being honest and reliable for ourselves and others.

Participation
The importance of contributing towards our community as well as exploring people who have brought about social change.
Looking at the role religion plays in making us participate and be accountable in our everyday lives.