

## Computing

### We are cryptographers

We will be creating and cracking codes.

### E-safety

Online bullying:  
I can explain how to help users.



## Science

### Earth in Space

In this science unit Year 5 will learn about:

- The Sun, Earth and Moon as approximately spherical bodies.
- the apparent movement of the Sun across the sky to give day & night
- The phases of the moon

### Forces

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

## Cornerstones

### Sow Grow Farm

This project teaches children about the features and characteristics of land use in agricultural regions across the world, including a detailed exploration of significant environmental areas.

### Eat the Seasons

This project teaches children about the meaning and benefits of seasonal eating, including food preparation and cooking techniques

## Music

Singing Assembly will take place on Wednesday mornings.

The children will have fortnightly music sessions with a specialist music teacher

## English

### Whole class reading

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

### Class Novel

Charlotte's Web

Writing - based around our class novel and Cornerstones topics

### Fiction

Persuasive letter, Shape poem, TV/Radio interview

### Non-Fiction

Information leaflet, Recipe instructions

## MFL

### Mandarin

This year all year 5 children will benefit from a weekly lesson in Mandarin.

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## RE

### Being generous

The importance of sharing and generosity in Sikhism and Islam.

### Caring for others

The concept of family unit and the fundamental basis for a caring society

### Being hopeful

Hope for the future

## PE

Year 5 will have PE **every Tuesday**.

Please ensure children arrive in school in their PE kit.

Orienteering - In orienteering, children:

- develop physical fitness and can describe its importance.
- can use a map confidently, designing routes to controls and building detailed maps.
- will take part in orienteering events, choosing and applying appropriate skills for the challenge.

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

# SPRING 2023 Year 5



## PSHE

Keeping relationships healthy and safe  
Puberty Sessions included.

## 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

## How can you help at home?

A very warm welcome to year 5 Kindhearted Kangaroos and Shrewd Shrews..

Please read with your child **every day**. 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.

Help your child to be independent by encouraging them to pack their school bag the night before school - ensuring they have their reading record book, school reader and any other equipment they might need.

