



*Growing the seeds
for lifelong learning*

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Dear Parents,

Year 5 Curriculum Newsletter
Autumn Term 2

Our class reading book this term will be – The Midnight Fox

English – Fiction and Myths and Legends

Reading goals

To

- Develop and broaden understanding of writers' use of language and build a varied vocabulary;
- Identify and discuss themes and conventions in and across a wide range of writing
- Discuss understanding and explore the meaning of words in context
- Learn about the concept of a dilemma and engage with the dilemma in the story;
- make links between personal experiences and stories read;
- Explore how the main character's choices change the way he behaves towards other characters

Writing goals including Grammar

To

- Identify the features of and write a newspaper report;
- In narratives, describe settings, characters and atmosphere;
- Integrate dialogue to portray a character and develop action;
- Maintain continuity in tense;
- Correct use of the comma;
- Include and correctly punctuate fronted adverbials;
- Include relative clauses to develop nouns.

Spelling goals

Varied tense forms; Reviewing Common Exception Words for Year 4; Plural forms; Homophones

Maths

Review

To consolidate and refine subtraction skills and place-value knowledge to solve subtraction problems.

Geometry – Properties of Shapes

To know the names and qualities of acute, right, obtuse and reflex angles

To measure angles using a protractor

To measure and add angles using a protractor

To identify two angles which total 180 degrees on a straight line

To investigate angles which, when combined, total 360 degrees

To draw angles using a protractor

To draw lines and angles with a high level of accuracy

To describe the sides and angles of both rectangles and squares

To investigate the angles of various quadrilaterals

To solve problems involving rectangles

To solve problems involving angles

To investigate the features of regular polygons

Multiplication and Division

To review what it means to find multiples

To review what it means to find factors

To define and find common factors of numbers to 100

To define, identify and name prime numbers to 100

To create and determine square and cubed numbers

To multiply 1- and 2-digit numbers by 10, 100 and 1000

To multiply 2- and 3-digit numbers by a 1-digit number using multiple strategies

To multiply 4-digit numbers by 1- and 2-digit numbers

To develop a range of strategies to multiply 2-digit by 2-digit numbers including the grid method, number bonds and the column method

To develop the column method as the key strategy to multiply

To use regrouping to multiply

To use number bonds and long division as the key methods to divide 4-digit numbers by 1-digit numbers

To divide up to 3-digit numbers that give rise to

remainders using long division, short division and mental methods

Science

In Science we will investigate the following questions:

- Are the changes that happen around us reversible or non-reversible?
- How much gas can be produced by non-reversible change?
- How long does it take for iron nails to rust?
- What happens when a candle burns?
- How long does it take for things to rust?
- What would make the best rocket fuel?
- What are the bubbles in honeycomb toffee?

RE

This unit introduces children to the different versions of the Christmas story in the Gospels of Luke and Matthew. They consider why there are differences in these accounts.

This unit will ask:

- What differences are there in accounts given by Luke and Matthew?
- Which stories have developed from the 'real' Christmas story?
- What happens during Advent?
- How do Christmas traditions vary around the world?
- What is Epiphany? How is Epiphany celebrated around the world?
- What story or play can we create based on traditional Christmas themes?

Computing

This unit introduces children to the Kodu programming language. Kodu is a programming language that students can use to create games, there is no written coding.

This unit will teach:

- How to load a Kodu world.
- How to create a script that makes Kodu move towards an item.
- How to create different types of terrain.
- How to program Kodu to keep score.
- How to use world settings to change certain parameters in their world.
- How to search for worlds made by the Kodu team and use them to learn about Kodu.

Topic

In our study of World War II, we will:

- Learn when and why World War II began and find out about the key individuals and countries involved;
- Discover all about evacuation and write in role as an evacuee;
- Explore the Blitz and how this affected East London;
- Learn what it was like to live with food rationing;
- Explore important facts about the Holocaust;
- Investigate events that were key turning points in the war, such as the Battle of Britain and the German invasion of Russia.

Important Information

PE – Monday and Thursday are PE days. Please ensure your child has their full kit each week.

Guitar – Weekly guitar lessons are available **after school on a Monday**; your child **needs to bring their instrument** with them.

French – Your child is learning French in weekly French lessons (every Monday).

PLEASE NOTE:

- Homework is given out on Tuesdays and is due in the following Monday. There will be a playtime detention each Tuesday if homework is not completed.
- Weekly spellings are handed out Mondays and tested on the following Tuesday
- Does your child know their times tables? Rehearse them using their multiplication chart.
- Please listen to your child read daily to help improve their fluency and accuracy and ensure that they complete their reading journal (the yellow booklet).