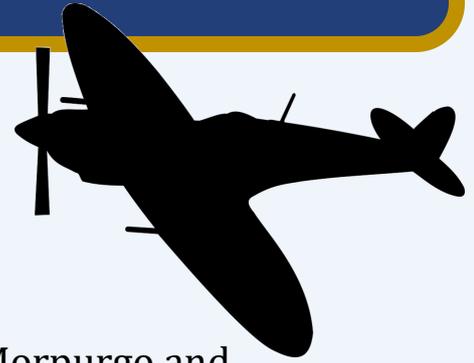


Kites Class Newsletter

Spring Term 2



Dear Parents, Guardians and Children,

We hope that you have enjoyed the last half term!

The children have been reading *War Horse* by Michael Morpurgo and learning about WW1 and what life was like for the people involved. The children have written some fantastic WW1 historical stories. In science lessons, we have been studying light and have made periscopes to learn about the way light is reflected. In French, we have been learning vocabulary about our towns. In music the children have been learning how to play the keyboard, and in DT they have been designing a fidget spinner using computer aided design.

Next half term we will be reading *The Silver Sword* by Ian Serraillier and learning all about WW2.

The first week of the half term will be a mock SATs week for Year 6. Along with all of our normal lessons, we also have swimming lessons, a science week and a faith tour planned, so it looks set to be a busy (but fun) half term!

Best regards

Miss Hinson, Mrs Fordham, Mrs Halls and Miss G



Kites Class—Year 5 & 6
Moggerhanger Primary School



Topic Information

Maths

Year 5

Fractions (decimals & percentages)

Read and write decimal numbers as fractions.

Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.

Round decimals with 2 decimal places to the nearest whole number and to 1 decimal place.

Read, write, order and compare numbers with up to 3 decimal places.

Solve problems involving number up to 3 decimal places.

Recognise the percent symbol (%) and understand that percent relates to "number of parts per 100", and write percentages as a fraction with denominator 100, and as a decimal fraction.

Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and fractions with a denominator of a multiple of 10 or 25.

Number and Algebra

Prime numbers.

Square numbers.

Cube numbers.

For the rest of spring term Yr. 5 to recap learning from autumn and spring term through deeper reasoning and problem solving activities.

Year 6

Fractions (decimals & percentages)

Associate a fraction with division and calculate decimal fraction equivalents for a simple fraction.

Identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1,000 giving answers up to three decimal places.

Multiply one-digit numbers with up to 2 decimal places by whole numbers.

Use written division methods in cases where the answer has up to 2 decimal places.

Solve problems which require answers to be rounded to specified degrees of accuracy.

Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.

Ratio & Proportion

Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts.

Solve problems involving the calculation of percentages and the use of percentages for comparison.

Solve problems involving similar shapes where the scale factor is known or can be found.

Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.

Algebra

Finding and using an algebraic rule.

Substitution and Formulae.

Word problems.

Simple one and two step equations.

Pairs of values.

Ratios and fractions.

Scale factors, ratio and proportion problems.

Science

Electricity (Yr. 6)

Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit.

Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches.

Use recognised symbols when representing a simple circuit in a diagram.

RE

What will make our community a more respectful place?

PE

*Badminton
Hockey*



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Moggerhanger Primary School



Topic Information

English

In English we will be continuing to develop our reading, writing and speaking and listening skills in relation to a variety of text types. This will be through reading and writing a variety of text types, through in depth discussion of the texts, debates, creative writing, writing newspaper reports, poetry and much more. The children will continue to develop their spelling, punctuation and grammar in line with the national curriculum.

Reading

Apply their growing knowledge of root words, prefixes and suffixes (morphology and etymology), as listed in English Appendix 1, both to read aloud and to understand the meaning of new words that they meet.

Maintain positive attitudes to reading and an understanding of what they read.

Understand what they read.

Discuss and evaluate how authors use language, including figurative language, considering the impact on the reader.

Participate in discussions about books that are read to them and those they can read for themselves, building on their own and others' ideas and challenging views courteously.

Provide reasoned justifications for their views.

Writing

Plan their writing.

Draft and write.

Evaluate and edit.

Music

Keyboard performance and whole class singing. Students will listen with attention to detail and recall sounds with increasing aural memory through whole class singing.

Computing

Coding: Catch the Dots Game

Children will work with Scratch and will be developing abilities to write and understand algorithms.

PSHE

Going for goals

Geography

How Europe has changed

Locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities.

French

Let's Go Shopping

Listen attentively to spoken language and show understanding by joining in and responding.

Engage in conversations and speak in sentences, using familiar vocabulary, phrases and basic language structures while developing accurate pronunciation.

Read carefully and show understanding of words, phrases and simple writing.

Broaden their vocabulary and develop their ability to understand new words that are introduced into familiar written material, including through using a dictionary.

Describe people, places, things and actions orally and in writing.

History

The World Wars

Continue to develop a chronologically secure knowledge and understanding of British, local and world history, establishing clear narratives within and across the periods they study.

Art

Surrealist Art

To create sketch books to record their observations and use them to review and revisit ideas

To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials

About great artists, architects & designers in history.

DT

3D printing using *Tinker* computer aided design



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