

Kites



Curriculum Information Autumn Term 2020-21

Welcome back to the new school year in Kites. I do hope you all had a restful summer break and are looking forward to your children getting back to doing some exciting work in school. We have already made a great start to the term and the children have settled into the 'new routines' quickly and effectively.

*The whole school theme this term is **'The Romans and their impact on Britain'** and this will be taught creatively across the subjects building links with prior learning wherever possible. There will also be a focus on 'catching-up' and gap-filling for those areas which need addressing, as a result of school closures. Every child in the class will be working on their own pathway of learning and this will include extra support, where needed, as well as enrichment and deepening of skills and understanding.*

This year the class Learning Support Assistants are Mrs Spencer, Miss Wilkins and Mrs Crowther.

The children will also be taught PE by Club Sports and computing by Mr Honey on Wednesday afternoons.

We do have a couple of new children in the class this year and offer them a warm welcome. We hope you will be very happy and settled here at Frieth.

Below is a brief summary of what the children will be learning about in each subject this term.

English:

Throughout this term we will be looking at three core areas of **Narrative, Non-Fiction and Poetry**.

Children will have opportunities to draft, edit and present their final written outcomes.

They will also cover the year 4 and 5 curriculum for SPaG (Spelling, Punctuation and Grammar). This will be covered in the English lesson and sometimes as a stand alone sessions where further explanation is needed. We will also focus on handwriting and presentation skills throughout.

Spellings will be taught in class with some activities being sent home along with termly spelling lists enabling children to learn patterns and vocabulary.

Throughout the week the children will enjoy sessions of Reading with the teacher. These sessions include; reading discussion, comprehension of texts and practical tasks. Reading books will continue to go home, please bear with us whilst we navigate our way through the rules around this and the best way to meet the needs of the children. The children will eventually have the opportunity to change their books every day and will be expected to do this independently. The library will be opened for students soon and I will keep you informed as to when this happens. Children will also have the opportunity to hear others read through our class novel 'A Train to Impossible Places', which we will share every day.

Mathematics:

Over the term we will initially assess and work on any gaps in learning due to school closures, building on prior learning and getting a baseline for where each individual needs to begin. We will be using a range of resources to do this, including White Rose, Power Maths and Classroom Secrets. These resources are excellent in developing the fluency, reasoning and problem solving skills. Continued home learning will be linked to class work and will be a range of online activities from Mathletics, Education City and Purple Mash as well as supporting sheets, games and reinforcing activities. This term the areas of study will include: **Place value, Addition and Subtraction, Multiplication and Division and Measurement** including perimeter of shapes.

The children have access to and should be encouraged to regularly use Times Table Rock stars, which will support and improve multiplication and division facts. Login information will be sent home with your child soon.

Science:

For the first half-term we will be studying 'Sound'. This will include practical investigations looking at how sound travels and what amplifies or reduces the volume. Sessions will be linked to real life experiences and developments in scientific thinking around the areas of sound. During the second half term they will investigate 'States of Matter'. Throughout the work children will be developing their skills for working scientifically, by designing their own investigations, observing closely and comparing items, classifying and researching and fair testing.

R.E:

During this term we will be learning about the key aspects of Christianity, asking the key questions; 'Are the Saints encouraging role models?' and 'Is 'God made man' a good way to understand the Christmas story?

Although we are not able to have whole school assemblies at the moment we will be holding daily class assemblies and celebrating children's successes each week.

Creative Curriculum (History and Geography)

Through our creative curriculum, the children will be looking at the impact the Romans had on Britain. This will include looking at the formation of roads, the building of baths, Hadrian's Wall, roman numerals and mosaics. Children will raise and answer questions to discover more about the Romans and how they have affected Britain.

Computing

The term will start with learning about internet safety, following the advice and lesson plans provided by CEOP. Once completed, they will move onto further work looking into data and digital media. Children will also have the opportunity to carry out research and create presentations on our topic areas throughout the term.

Design Technology and Art

Linking to our topic area of the Romans, children will be given opportunity to design, build and review Roman catapults and chariots. They will investigate how these were constructed in Roman times and then improve or replicate what they have discovered. Art will be looking at printing, and observational drawing again relating to the Roman theme.

Music

This term the children will explore composition and soundscapes. These can be recordings or performance of sounds that create the sensation of experiencing a particular acoustic environment, or a composition created using the sounds of an acoustic environment such as the ocean.

French

The children will have plenty of recapping following the long break! We will then be building on basic structures of spoken and written French based on real life events that are relevant to the children. Mrs Crowther will be assisting me to teach this unit of work over this term.

P.E.

Club Sports will be leading games sessions for the whole class each Wednesday. On Tuesday afternoons we will be doing socially distanced outdoor games and learning the key skills needed for different sports activities. Children are expected to have their P.E. kits in school every day. These will be sent home for washing at the half term break. The P.E. kits should include outdoor trainers and tracksuit bottoms as the weather can be very cold during the autumn term.

PSHE

For this term our theme is 'Relationships'. Alongside this we will also cover topical areas that are relevant. These will address any fears of returning to school or how they are dealing with the Covid situation or other items in the news. The children will learn about how we may feel in new situations, getting to know each other and making someone feel welcome. They will learn about how their actions have consequences for themselves and others. We will also be looking at Rule of Law and Individual Liberty as part of our British Values through our Roman topic.

Homework

Homework will be set on a Friday and is an extension of the work being completed in class which will be explained to the children. Homework will either be online or on sheets but I do not expect these to be returned to school as they are just for extra practice of the words.

Spellings and times tables are tested on Fridays based on the words sent home the previous week. The children are expected to practise both their times tables and their spellings each week in preparation for this. It would be ideal if the children could have use of a dictionary and a thesaurus at home to help with completing their homework to look up and understand new vocabulary. **The children are expected to read at home every day as part of their homework**, preferably to an adult if possible who could check their understanding of vocabulary and comprehension.

As a staff, we are planning to review our current homework policy. Therefore, in light of this, we will not yet be setting up the normal homework books that children typically receive their home work in. As far as possible, homework that is set will be via one of the online learning platforms that the pupils in school have access to. If this is not possible, sheets with the necessary information will be sent home.

Current Homework Expectations – KITES

	Year 4	Year 5
Daily reading (to an adult if possible)	✓	✓
Daily spellings practice	✓	✓
Daily mental arithmetic practice	✓	✓
English	Weekly (25mins)	Weekly (25-30 mins)
Maths	Weekly (25 mins)	Weekly (25-30 mins)
Science	At teacher discretion	
Other	At teacher discretion	

I am very much looking forward to the year ahead and learning with your amazing children. As always, if you have any queries or concerns please do get in touch or come and see me.

Miss Green
Class Teacher

Place value: Count in multiples of 6, 7, 9, 25 and 1000.

Find 1000 more or less than a given number.

Count forwards or backwards in steps of powers of 10 for any given number up to 1000000.

Count backwards through zero to include negative numbers.

Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers including through zero.

Recognise the place value of each digit in a four digit number

Order and compare numbers beyond 1000.

Identify, represent and estimate numbers using different representations.

Read, write, order and compare numbers to at least 1000000 and determine the value of each digit.

Round any number to the nearest 10, 100 or 1000.

Round any number up to 1000000 to the nearest 10, 100, 1000, 10000 and 100000

Solve number and practical problems that involve all of the above and with increasingly large positive numbers.

Solve number problems and practical problems that involve all of the above.

Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value.

Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.

Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers.

Establish whether a number up to 100 is prime and recall prime numbers up to 19

Addition and Subtraction: Add and subtract numbers mentally with increasingly large numbers.

Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.

Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)

Estimate and use inverse operations to check answers to a calculation.

Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.

Solve addition and subtraction two step problems in contexts, deciding which operations and methods to use and why.

Solve addition and subtraction multi-step problems in contexts deciding which operations and methods to use and why.

Multiplication and Division: Recall and use multiplication and division facts for multiplication tables up to 12 x 12.

Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers.

Multiply and divide numbers mentally drawing upon known facts.

Multiply and divide whole numbers by 10, 100 and 1000.

Recognise and use factor pairs and commutativity in mental calculations.

Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.

Multiply two digit and three digit numbers by a one digit number using formal written layout.

Multiply numbers up to 4 digits by a one or two digit number using a formal written method, including long multiplication for 2 digit numbers.

Divide numbers up to 4 digits by a one digit number using the formal written method of short division and interpret remainders appropriately for the context.

Recognise and use square numbers and cube numbers and the notation for squared (2) and cubed (3)

Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.

Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes.

Solve problems involving addition and subtraction, multiplication and division and a combination of these, including understanding the use of the equals sign.

Perimeter: Convert between different units of measure eg kilometre to metre.

Convert between different units of metric measure (for example, km and m; cm and m; cm and mm)

Measure and calculate the perimeter of a rectilinear figure (including squares) in cm and m

Measure and calculate the perimeter of composite rectilinear shapes in cm and m.