

Kites



Curriculum Information Autumn Term 2018-19

Welcome to the new school year! I hope you all had a restful summer break. We have had a great start to the term and the children have settled into the routine of school. The class Teaching Assistants are Mrs Currie, and Mrs Barker. The children will be taught by Jake from Club Sports and Mrs Reynard on Thursdays afternoons.

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

English

Narrative: We will be looking at 'Step into the Stone Age' and 'How to Skin a Bear' as the main texts and these will become a stimulus for creative writing. They will also develop the use of expanded noun phrases and fronted adverbials.

Instruction: Through a variety of instruction texts, the children will learn about the features of instructions. They will follow these to create models, make food and develop different styles in their own writing.

Poetry: Using a variety of poetry resources, including humorous and ones with creative imagery, the children will learn how to recognise and use correct grammatical terminology.

Persuasion In the run up to Christmas the children will look at adverts in magazines and on the television. They will look at how language is used to persuade.

Throughout all written work they will have opportunities to draft, edit and present their final written outcome.

Through our English lessons we will also cover the year 4 and 5 curriculum for SPaG (Spelling, Punctuation and Grammar). This will be covered at times in the English lesson and sometimes as a standalone lesson. We will also focus on handwriting and presentation skills. Spellings will be taught in class and some activities will be sent home connected with the patterns or words taught as well as spellings to learn.

Each week the children will enjoy a session of Guided Reading with the teacher. The session includes the reading discussion, comprehension of texts levelled to their reading ability and practical tasks. Reading books will continue to go home. Please ensure that your child's reading record and reading book is brought in to school every day. The children will have the opportunity to change their books every day during the guided reading session and will be expected to do this independently.

Mathematics

The different areas of the new National Curriculum are covered each term, building on prior learning. This term the areas of study will include:

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.

As a whole school we will continue to develop the children's problem solving skills and also the Bar Modelling method.

The 'Cracking Times Tables' test will take place every Friday. The children will be tested at their own level and will have to complete a test within 3 minutes with a close to 100% accuracy to receive a certificate and move onto the next level. Please help your child with practising their times tables and also please ask them additional 'quick fire' mental maths questions whenever possible.

Science

For the first half-term we will be studying States of matter. This will include observing materials changing when heated or cooled, and recording the temperatures that this may happen. We will compare and group materials according to whether they are solids, liquids or gases. After half term, we will study Rocks. This will include how different types of rock are formed, the formation of fossils as well as grouping different rocks on the basis of their appearance and simple physical features.

R.E.

During the first half-term we will be learning about the key aspects of Hinduism, including key festivals, symbols and the main beliefs held by Hindus. In the second half of the term we will ask the children to reflect on different religions and ask the question; 'Is light a good symbol for celebration?'

Creative Curriculum (History and Geography)

In our 'Stone Age to Iron Age' unit the children will learn about different types of settlement and land use of the people from this period. They will locate the world's countries, using maps to focus on Europe concentrating on their environmental regions and how these have changed over time. The children will study about how the topography of the land such as valleys and hills and how many of these were carved out during the stone ages.

Computing

The term will start with learning about internet safety. Then we move onto further learning about Communicating & Collaborating, and Programming.

Design Technology and Art

This term the children will be exploring drawing and painting techniques. They will study cave paintings and how to use different instruments to create their pictures. They will look at line, form and shading to make their work more realistic and 3-dimensional.

Music

The first half term will be looking at musical elements and asking the questions 'What are the six musical elements? What do they mean?', 'What is duration? What is Tempo? What is an ostinato? What is a cyclical pattern?' They will use a range of instruments both tuned and percussion to investigate how these ideas develop music. In the second half of the term the children will be preparing the class contribution for our Christmas Whole School performance.

French

The children will have plenty of recapping following the long summer break. The main focus thereafter will have three areas to consider. Firstly recognising different parts of our bodies. Secondly we will find out how to ask someone how they are feeling and say how they are feeling, Finally we will look at asking our new French speaking friends where they live and tell them where we live.

P.E.

Club Sports will be leading games sessions for the whole class each Thursday. On Tuesday afternoons Year 4s will be swimming and Year 5s will be doing Outdoor Games. Children are expected to have their swimming kits in school on Tuesdays and their P.E. kits in school every day. 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 'New beginnings', 'Getting on and falling out', 'Say no to bullying'. The children will learn about how we may feel in new situations, getting to know each other and making someone feel welcome. The children 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.

Homework

Homework will be set on a Monday and is due in the following Monday. It is an extension of the work being completed in class and it will be explained to the children. Spellings are set on Mondays and times tables are set on a Friday, the children are expected to practise both their times tables and their spellings each week. There will be a spelling test each Monday based on the words sent home the previous week. It would be ideal if the children could have use of a dictionary and a thesaurus at home to help with completing their homework. 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.

Homework expectations – KITES

	Year 4	Year 5
Daily reading (<i>to an adult if possible</i>)	✓	✓
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. As always, if you have any queries or concerns please come and see me.

Miss Green
Class Teacher