



Hiltingbury Junior School

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YEAR 4

Summer Term
2017/2018

English

The summer term begins with the conclusion of our English unit on Explorers and a writing task on who was the greatest explorer Shackleton or Cook? This task enables the children to further explore discursive texts and the use of paragraphs, in addition to developing a point, using topic sentences and supporting a point with evidence from the text. Further units include:

- Fairy tale twists – children write their own fairy tale with a humorous twist
- Information text – children create their own information leaflet on Hocombe Mead which is linked to an afternoon stroll to the Mead.

In summer two we begin with a two week unit on poetry with some links to our RE and geography unit on trees and forests. This is followed by explanation writing – linking to our science topic on digestion. Children write an explanation on the digestive system. The summer term concludes with a number of writing activities linked to the book Kensuke's Kingdom by Michael Morpurgo.

In particular the children will learn about: -

- Extending the range of sentences, with more than one clause
- Using a wider range of conjunctions, including 'when', 'if', 'because' and 'although'
- Fronted adverbials – and the use of commas
- Conjunctions, adverbs and prepositions to express time and cause
- Punctuating direct speech
- Choosing nouns or pronouns for clarity and cohesion
- Verbs, adverbs and adjectives – using relevant strategies to build their vocabulary
- Using the present, past and future tense
- Organising paragraphs around a theme, including developing a point and the use of topic sentences
- Apostrophes for possession and omission
- The format of fiction and non-fiction text
- Assessing the effectiveness of their own and others' writing and suggesting improvements
- Editing and revising their work
- Strategies for reading including prediction, skimming and scanning, inference and deduction
- Discussing words and phrases that capture the reader's imagination

Recently Year 4 has seen the introduction of whole class guided reading lessons with units that teach specific skills associated with reading. Spring term focused on the use of language to create a mood, which enabled children to identify the specific word choices authors use to create a mood and how this might translate to their own writing. Summer term has a focus on Big Reader and comparing books, followed by a unit on Reading Detective. Whole class reading is in addition to independent reading opportunities and children are encouraged to read as many books as they can from the Hiltingbury 100 list.

Children have opportunities to develop spoken language skills through a variety of activities, including drama in the context of English and other areas of the curriculum.

Children learn and revise spelling rules and patterns throughout the term; each rule will typically be worked on for a one or two-week period. Children will be required to find some words at home which follow the rule which will be added to during lessons. We encourage children to practise the spelling rule daily (10 minutes) ready for a test, normally on a Friday.

Handwriting skills are taught and practised using the cursive handwriting style. The children will have the opportunity to advance through our Master Scribe handwriting journey. On reaching scribe level, the children will be given a handwriting pen to write with. Children achieving master scribe level will be awarded a fountain pen in their house colour

Mathematics

Children take part in a daily mathematics lesson and spend time on a range of activities and tasks, including mental maths, group work and investigations. Children are encouraged to explain their reasoning to each other and to their teacher, and to try to find a variety of different ways of solving problems, looking for links with their learning between topics as well as real life applications.

Children need to be able to do simple addition, subtraction, multiplication and division in their heads before they go on to written methods for more difficult questions. If your child can understand how to use numbers without writing them down this is a big help in all kinds of numeracy activities.

Throughout Year 4 your child will be tackling these mathematical skills:

- count in multiples of 6, 7, 9, 25 and 1000
- find 1000 more or less than a given number
- count backwards through zero to include negative numbers
- recognise the place value of each digit in a four-digit number
- round any number to the nearest 10, 100 or 1000
- solve number and practical problems with increasingly large positive numbers
- read Roman numerals to 100 (I to C)
- know that over time, the numeral system changed to include the concept of zero
- add and subtract numbers with up to 4 digits using formal written methods
- estimate and use inverse operations to check answers to a calculation
- solve two-step problems in contexts, deciding which operations and methods to use and why.
- recall multiplication and division facts for multiplication tables up to 12×12
- use place value, known and derived facts to multiply and divide mentally
- recognise and use factor pairs and commutativity in mental calculations
- multiply three-digit numbers by a one-digit number using formal written layout
- solve problems involving multiplying and adding, including using the distributive law, integer scaling problems and harder correspondence problems,
- recognise and show, using diagrams, families of common equivalent fractions
- count up and down in hundredths
- solve problems involving increasingly harder fractions to calculate quantities
- add and subtract fractions with the same denominator
- recognise and write decimal equivalents of any number of tenths or hundredths

- recognise and write decimal equivalents to a half, a quarter and three quarters
- find the effect of dividing a one- or two-digit number by 10 and 100,
- round decimals with one decimal place to the nearest whole number
- compare numbers with the same number of decimal places up to two decimal places
- solve simple measure and money problems
- measure and calculate the perimeter of a rectilinear figure in centimetres and metres
- find the area of rectilinear shapes by counting squares
- estimate, compare and calculate different measures, including money in pounds and pence
- read, write and convert time between analogue and digital 12- and 24-hour clocks
- solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.
- compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes
- identify acute and obtuse angles and compare and order angles up to 180 degrees
- identify lines of symmetry in 2-D shapes presented in different orientations
- describe positions on a 2-D grid as coordinates in the first quadrant
- describe movements between positions as translations of a given unit to the left/right and up/down
- plot specified points and draw sides to complete a given polygon.
- interpret and present data using bar charts and time graphs

Science

Science is taught weekly in half termly units. Children are taught how to plan and carry out fair tests. Our main topics this summer will be 'Digestion' and 'Animals including humans':

The children will learn about how to construct and interpret a variety of food chains. They will also learn to describe the simple functions of digestive system and identify types of teeth in humans and compare these to animals.

Geography

Exploring Forests and National Parks

Children will learn about different species of trees through exploring the school grounds and our local wood - Hocombe Mead wood. They will understand the structure of forests and where different forests are located within the world. We will look at National parks- what are they, arguments for and against national parks and compare the New Forest and South Downs with national parks in America for example Yosemite. Children will also investigate recent issues in the news with regards to national parks

Biomes

Children will investigate and identify the features of a range of biomes. In particular, they will explore the climate and the impact it has on animal and plant life in a specific biome, and where biomes are located across the globe.

Art

We aim to develop a range of practical skills to encourage an imaginative response and a willingness to experiment with different media. In this term, the focus will be upon:

- ❖ Fantasy insects – creating an insect with the use of junk modelling and paper and paste to form imaginative shapes.

DT

The children finish their security systems and evaluate their effectiveness early in the term. This year will see the introduction of a new unit focused on nutrition and the creation of a balanced meal.

Computing

Pupils will learn how to input data and create graphs from this data. We will begin a unit on simple programming using scratch.

French

In French, the children will continue to learn how to read and understand familiar written words and short phrases. They will learn to write some familiar words and phrases from memory and communicate with others using simple words, phrases and short sentences. They will listen and learn to identify words and short phrases. This will be in the context of sport and free time.

Music

Pupils' understanding and enjoyment of music is developed through activities that bring together performing, composing, listening and appraising. Children will undertake these activities within different units of work, which focus on a variety of musical skills. For one term, each class will participate in Listen2me music lessons to learn how to play the violin or the cello. They will perform in a concert for parents at the end of the term.

Physical Education

The children have opportunities to participate in Games, Gymnastics and Dance. Our games lessons develop the foundation for games such as rounders, cricket and tennis to enable them to become physically confident in a way that supports their health and fitness.

We have Gymnastics or Dance in the hall once a week.

The units of work are: -

- Dance - Fantastic Forests – shape and symmetry
- Gymnastics – Holes

For all these activities children must bring to school and wear the appropriate kit. For your information lessons occur on these days: -

Outdoor Games – Fridays (tracksuit bottoms can be worn during colder months and a warm fleece)

Indoor PE – Mondays

Religious Education

Year 4 will continue their studies in RE with the following themes: -

Trees as a symbol

The cycle of life

PDL (Personal Development Learning)

- ❖ Changes to the body
- ❖ Looking Ahead

Homework

In Year 4 children benefit greatly if parents are able to support at home their practising of spelling and assist with daily reading and learning of times table and number facts. The children will also be given a longer homework task on a Friday which will be due in the following Friday. This will alternate between English, maths and science.

Trips

In addition to a visit to Hocombe Mead wood in Hiltingbury, the children in June go on their residential trip to Woodmill in Southampton. The children have the opportunity to participate in some of the following activities which include canoeing and kayaking, the climbing wall, archery, abseiling and crate stacking. A barbeque tea is followed by a lively session of songs around the camp fire before children retire exhausted to their tents.