



Hiltingbury Junior School

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YEAR 4

Autumn Term
2018/19

English

Year 4 begins with an examination of the spirited character Sophie from Roald Dahl's book *The BFG*. After some role play the children write a recount of the events leading to her discovery of the land of giants. Subsequent writing activities include a summary of the initial events in the story and the creation of their own mixed up dreams. The children enjoy some excerpts from the 2016 dvd, an adaptation of Roald Dahls book to enable them to compare film and text.

The second topic this term is 'Explorers' which begins with an investigation into the Antarctic explorer Ernest Shackleton. After discovering that Shackleton had a stowaway on board his ship the *Endurance*, the children proceed to write a discursive text 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.

This half term concludes with a short unit on poetry and specifically cinquains, tankas and haikus; short Japanese poems that often juxtapositions two images.

Writing a humorous text with dialogue based on *Alice in Wonderland* starts Autumn 2 followed by the production of a leaflet on Hocombe Mead after a short walk around the woodland. The last two topics are descriptive writing around *El Caminante* and *La Nuit Etoilee*.

Grammar and Punctuation

- This term will have a focus on extending the range of sentences with more than one clause by using a wider range of conjunctions.
- The children will be encouraged to choose nouns or pronouns appropriate for clarity and cohesion and to avoid repetition.
- Fronted adverbials will be introduced with progression to the use of commas.
- Punctuating speech

Spelling

Children will follow the spelling guidance from the new curriculum. New guidelines include lists of statutory root words with spelling rules and conventions that link to those root words. The time spent on a spelling rule will vary and rules covered will include revision of those explored in previous years, in accordance with the requirements depicted in the new curriculum.

In addition to the children being encouraged to identify their own spelling mistakes in their written work they will play games daily to reinforce the current rule, use a variety of spelling strategies, eg sound out, individual dictionaries, spelling patterns, look, cover, write and check.

Focus this term will be:

- Use further prefixes and suffixes and understand how to add them
- Spell further homophones

Reading

Children will be encouraged to read regularly with opportunities given during the school day together with whole class guided reading sessions. During the Autumn term guided reading sessions will focus on the Decoder skills, where the children explore the importance of being able to read with expression, what clues we can pull from the text and what reading with expression is. The next topic is Reading Detective skills and specifically the use of inference and deduction to draw conclusions from the text.

Handwriting

A cursive writing style is taught as part of a structured progression on a weekly basis. Progress is recognised with an initial Apprentice Scribe certificate, followed by a Scribe certificate and Pen, and ultimately a Master Scribe award with a fountain pen.

Mathematics

Every child will take part in a daily mathematics lesson and will spend time on a range of activities and tasks, including mental maths, group work and investigations. These are interactive with children explaining to each other and their teacher, what they are doing and how they are solving calculations.

During the maths lesson children have the opportunity to work in groups and learn from each other as well as solving problems on their own. Children are encouraged to explain how they solved a problem in order to identify patterns and rules.

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. Times tables and/or Mental Maths homework will be sent home alternately with English. We encourage children to practise for 5 – 10 minutes every night. Your child will learn be encouraged to try several ways of doing mental tasks. The daily maths lesson will help the child become strong in all the skills of numeracy.

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 (thousands, hundreds, tens, and ones)
- order and compare numbers beyond 1000
- identify, represent and estimate numbers using different representations
- round any number to the nearest 10, 100 or 1000
- solve number and practical problems that involve all of the above and with increasingly large positive numbers
- 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.
- add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
- estimate and use inverse operations to check answers to a calculation

- solve addition and subtraction 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, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers
 - recognise and use factor pairs and commutativity in mental calculations
 - multiply two-digit and three-digit numbers by a one-digit number using formal written layout
 - 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.
 - recognise and show, using diagrams, families of common equivalent fractions
 - count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.
 - solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number
 - 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, identifying the value of the digits in the answer as ones, tenths and hundredths
 - 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 involving fractions and decimals to two decimal places.
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- Convert between different units of measure [for example, kilometre to metre; hour to minute]
 - measure and calculate the perimeter of a rectilinear figure (including squares) 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 two right angles by size
 - identify lines of symmetry in 2-D shapes presented in different orientations
 - complete a simple symmetric figure with respect to a specific line of symmetry.
 - 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 discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.
 - solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.

Science

Science is taught weekly in half termly units. They will be taught how to plan and carry out fair tests through the following topics:

Autumn term begins with 'States of Matter' where children explore solids, liquids and gasses and begin by looking at change. The topic continues with melting, boiling and evaporation.

Autumn 2 investigates Living things and their habitats by initially exploring what are living things and how they are adapted for their habitat, before concluding with how humans impact habitats.

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 with national parks in America for example Yosemite. Children will also investigate recent issues in the news with regards to National Parks.

Art

We aim to develop a range of practical skills to encourage an imaginative response and a willingness to experiment with different media. The main unit of work will concentrate 'fantasy landscapes' inspired by the artist, Hundertwasser. The children explore his desire to be unique and replicate with their own unique ideas before creating their own original landscape scene.

Computing

Pupils will learn how e-mails work and how to send an email. They will also learn about algorithms and how to write them. Increasingly they will make use of Google Apps for education to store, share and submit their work.

Physical Education

The children have opportunities to participate in Games, Gymnastics and Dance.

Our games lessons develop the foundation for games such as netball, basketball, football, and hockey 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: -

Autumn 1 and 2: Badminton and a gymnastic unit themed on Fantastic Forests

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

Outdoor Games – Mondays (navy/dark tracksuit bottoms can be worn during colder months and a warm fleece – **Please remember children need trainers on Mondays**)

Indoor PE – Fridays (Beginning with Badminton England delivering 6 badminton lessons followed by Fantastic Forests gym unit.)

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. During the Autumn term children will be learning about the works of a variety of 'Great Composers'. Over the course of the year, each class will spend one term each participating in Listen2me music lessons where they learn how to play the violin or the cello. The class will perform in a concert for parents at the end of the term.

Religious Education

The concepts covered are: -

- Concepts of 'good' and 'bad' from their own experience and in the Hindu religion
- Christmas story and the light of the world

PDL (Personal, Development Learning)

- **Feeling good** – appreciating home and school values, expressing positives thoughts about ourselves and others, recognising and being sensitive to others' needs, forming reasoned opinions.
- **Keeping safe outside school** – indentifying hazards from substances at home and school, legal drugs and their associated risks, hazards in the environment and where to go for help, understand that it is wrong or children to be bullied.
- **Ups and Downs in relationships** – how to deal with friendship problems that may occur, what is meant by bullying and how to deal with it.

The whole school will also take part in an Anti-Bullying week.

French

French lessons commence with a focus on the family before building on their learning last year with naming parts of the body.

The focus will be:

- **Nouns – singular, plural, masculine and feminine**
- **Asking questions about family – ages, names**
- **Using s/he is and s/he has to describe people**

Visits/Visitors

Linked with the geography, Y4 first visit Bolderwood in the New Forest to explorer a National Park. Our second visit this term is to Hocombe Mead in Hiltingbury which links to both our geography and English unit.

During Year 4 children benefit greatly if parents are able to support their children by practising their spellings, regularly hearing them read and practise their times tables. Please let the class teacher know if you need any guidance on this as we have a great librarian and class book corner to support most children's interests.