



**Your Child 6F Autumn Term 2022**

Dear Parents/ Carers

Welcome back. I hope you all had an enjoyable summer. Outlined below are the topics 6F will be covering over the coming term.

**English**

**Fiction: War Fiction** – War Horse. Children will be discussing their own and others’ reading preferences. After analysing the language and structure of a range of styles, children will have the opportunity to develop their own creative writing and evaluate their work and that of others.

**Non-Fiction:** Newspaper reports - Formal and informal writing, including letters. In non-fiction, children will work on understanding and developing a journalistic style of writing. They will explore how newspaper articles report facts and opinion.

**Reading** remains a vital aspect of your child’s education. It becomes very evident in children’s writing when they read regularly. Thus to best support your child, please ensure they read at home every evening. This can be from a variety of texts but should include a novel or a chapter book. I am happy for children to complete their own reading records, but ask if you could check and sign them regularly (**at least three times every week**) to confirm that they are reading.

**Spelling** will be increasingly important this year as there will be clear focus on spelling, punctuation and grammar in this year’s SATs. Spelling homework will help to develop children’s skills in this area.

**Maths - Key objectives:**

<p><u>Number: Place Value</u></p> <ul style="list-style-type: none"> <li>● Read, write, order and compare numbers up to 10,000,000 and determine the value of each digit.</li> <li>● Round any whole number to a required degree of accuracy.</li> <li>● Use negative numbers in context, and calculate intervals across zero.</li> <li>● Solve number and practical problems that involve all of the above.</li> </ul> <p><u>Geometry- Position and Direction</u></p> <ul style="list-style-type: none"> <li>● Describe positions on the full coordinate grid (all four quadrants).</li> <li>● Draw and translate simple shapes on the coordinate plane, and reflect them in the axes.</li> </ul>	<p><u>Number- addition subtraction, multiplication and division</u></p> <ul style="list-style-type: none"> <li>● Solve addition and subtraction multi step problems in contexts, deciding which operations and methods to use and why.</li> <li>● Multiply multi-digit number up to 4 digits by a 2-digit number using the formal written method of long multiplication.</li> <li>● Divide numbers up to 4 digits by a 2-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding as appropriate for the context.</li> <li>● Divide numbers up to 4 digits by a 2-digit number using the formal written method of short division, interpreting remainders according to the context.</li> <li>● Perform mental calculations, including with mixed operations and large numbers.</li> <li>● Identify common factors, common multiples and prime numbers.</li> <li>● Use their knowledge of the order of operations to carry out calculations involving the four operations.</li> </ul>	<p><u>Fractions</u></p> <ul style="list-style-type: none"> <li>● Use common factors to simplify fractions; use common multiples to express fractions in the same denomination.</li> <li>● Compare and order fractions, including fractions &gt; 1</li> <li>● Generate and describe linear number sequences (with fractions)</li> <li>● Add and subtract fractions with different denominations and mixed numbers, using the concept of equivalent fractions.</li> <li>● Multiply simple pairs of proper fractions, writing the answer in its simplest form.</li> <li>● Divide proper fractions by whole numbers.</li> <li>● Associate a fraction with division and calculate decimal fraction equivalents for a simple fraction</li> </ul>
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	<ul style="list-style-type: none"> <li>● Solve problems involving addition, subtraction, multiplication and division.</li> <li>● Use estimation to check answers to calculations and determine in the context of a problem, an appropriate degree of accuracy.</li> </ul>	<ul style="list-style-type: none"> <li>● Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.</li> </ul>
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### **Religion**

This term, the class will be covering the following topics: Loving and Vocation & Commitment.

### **Science**

#### **Animals including humans**

Children will be taught to:

- identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood
- recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function
- describe the ways in which nutrients and water are transported within animals, including humans.

#### **Changing Circuits**

Children will consolidate their knowledge of materials which are electrical conductors, extend understanding of ways in which the brightness of bulbs or speed of motors in a circuit can be changed and develop their understanding of the value of using conventional symbols for communication

**Topic Work** – this term children will be learning about ‘Wars in the 20th century’ -focusing on WW1. They will also be learning about Extreme Weather.

History: Children will learn to place events, people and changes of British, local & world history, on a timeline, using appropriate dates/chronological conventions, select relevant historical information, considering different viewpoints or thinking about possible bias; thinking carefully to select and organise relevant historical information from a range of historical sources of information.

Geography: Children will learn to use maps, atlases, globes and digital/computer mapping to locate countries & describe features studied. Children will analyse evidence and draw conclusions.

ART: Children will learn to do observational drawing (using perspective to draw). They will also learn to work with plaster- designing and painting on plaster.

DT: The children will develop a simple design specification to guide their thinking. They will select materials and components suitable for the task, explaining their choice of materials and components according to functional properties and aesthetic qualities. They will identify the strengths and areas for development in their ideas and products.

### **Computing**

**Internet-Safety** The children will be learning how to use the internet and technology safely and respectfully, keeping personal information private; identifying where to go for help and support when they have concerns about content or contact on the internet or other online technologies.

**Solving Programming Problems** The children will design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems and will solve problems by decomposing them into smaller parts. They will use sequence, selection, and repetition in programs, working with variables and various forms of input and output. The children will use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.

### **Music**

The children will sing songs with control and use the voice expressively through a variety of singing songs and games which will teach them about breathing, dynamics and accuracy of pitch; how to improve tone production and use diction and other vocal techniques; about pulse, rhythm and metre. The children will develop notation skills through the use of tuned percussion.

### **MFL/Spanish:**

The children will revise and extend core vocabulary in Spanish through activities and songs. Topics will include numbers into and beyond 1000s, shades of colours, family members and classroom instructions. The body. Their topic will be Barcelona. Through this topic, they will learn to identify and name geographical features in Spanish, to say what they want to visit and why, revise clothing and begin to use different tenses to express ideas in the past, present and future.. They will continue to develop reading and writing skills, producing more complex sentences and texts. They will present information to the each other in Spanish and write for different purposes. They will acquire about language learning skills, learn to give opinions and explore aspects of grammar such as prepositions, verb tenses and conjunctions.

### **Physical Education – PE will be on Wednesday**

During this term, the students will be having swimming lessons. Please refer to the letter you will have received from the PE Coordinator.

### **PSHE**

Children will explore the topics of Religious Understanding, Living in the Wider World, Conflict Resolution & Bullying.

As a reminder, homework will generally be as follows:

**Monday:** Spellings (to be handed in on Friday)

**Tuesday:** Maths (to be handed in by Thursday)

**Friday:** English + any topic work (to completed over the weekend)

Your child will be told how to access their homework.

In addition to set homework, children will be asked to complete any unfinished class work at home. As we approach SATs, children will also be expected to complete revision at home with your assistance. This additional support will be crucial in order to help your child prepare for their exams.

If you have any questions regarding any of the curriculum areas we are covering, please feel free to arrange a time to speak to me over the telephone or in person.

Kind regards,

Mr Fowle  
Year 6F Teacher

