



## Year Six

### Autumn One

#### **English**

For our English work this half term, we will be using our history topic as a stimulus for our writing. As a class, we will be reading Letters from the Lighthouse by Emma Carroll and using this for writing from character viewpoints. We will also be producing non-chronological reports and persuasive leaflets linked to areas of World War Two.

Alongside our writing units, we will be teaching elements of Grammar, Punctuation and Spelling, through Place Value of Punctuation, to help to write with increased accuracy and awareness of sentence structure.

Each week, your child will receive a set of spellings to learn at home with a specific pattern or focus. Please encourage them to practise them so they become familiar words. Every child has a Spelling Frame login; it is expectation that every child will use this online resource to practise the spelling rule.

We will continue to use Cambridge PenPals to strengthen handwriting across school. Within Year 6, we will have focused handwriting sessions twice a week to practise letter joins as all children are expected to write at speed in a joined style by the end of Year 6.

#### **Religious Education**

Our first unit is entitled Beliefs and actions in the world: Can Christian Aid and Islamic Relief change the world? Children will learn about the work of two major faith-based charities, Christian Aid and Islamic Relief. They will develop their understanding of the impact of religion in the world and ask important questions of justice. They will have the opportunity to develop opinions of their own and consider key beliefs.

#### **Mathematics**

Unit 1- Place Value Within 10,000,000

Children will recap their understanding of place value and properties of numbers to 1,000,000 before investigating the same properties of numbers up to 10,000,000. They will investigate the partitioning of larger numbers and will use them in different contexts. Following this, children will develop their understanding and use of number lines. They will compare and order numbers and round them to any degree of accuracy up to the nearest 1,000,000. Finally, children will investigate negative numbers, how they compare to positive numbers and their use in contexts.

Unit 2- Additions, Subtraction, Multiple and Factors

This unit allows children to develop fluency with efficient columnar written methods for addition and subtraction, without and with exchanges. They will deepen understanding of the columnar method for multiplication of 4-digit numbers by 1- and 2-digit numbers and develop an understanding of written methods for division.

Unit3- Multiplication and Division

This unit develops children's understanding of how the four operations can be used for accuracy and to solve problems. They will deepen their understanding of the columnar method for multiplication of 4-digit numbers by 1- and 2-digit numbers and develop an understanding of written methods for division.

#### **Key Vocabulary**

Unit 1- place value, partition, interval, estimate, compare order, less than (<), equal to (=), more than (>), rounding, negative, positive odd, even accurate, exactly, approximately

Unit 2- add, subtract, sum, total, difference method, - column, multiply, multiplication, product, - approximation divide, division, short division, long - division, factor, multiple, divisor, remainder inverse, grid method, fraction, simplify, numerator, denominator

Unit 3- method, column, columnar h multiply, multiplication, product, approximation, divide, division, short division, long division, factor, multiple, divisor, dividend, remainder, order of operations, brackets, inverse operation

#### **Physical Education**

Please ensure that your child comes to school on Tuesdays wearing an appropriate PE kit (black jogging/tracksuit bottoms, leggings or shorts, a plain white t-shirt, their normal school jumper and appropriate trainers (preferably black). For all PE sessions, long hair needs to be tied back and earrings removed. If your child cannot remove their own earrings, please do this before school.

<p><b><u>Key Vocabulary</u></b> Fundraising, fairness, being empowered, Emergency aid Development, charity, thanksgiving, fellowship, justice, stewardship, almsgiving, Zakat, Ummah, generosity</p> <p><b><u>Music</u></b> This half term, we will be having djembe drumming lessons with Rotherham Music Service.</p>	<p>We will be using our imoves programme for pupils learn the benefit of perseverance, resilience and the setting of personal best targets within the unit ipractise.</p> <p>The unit also contains activities designed to develop and improve agility and fitness by challenging students to participate in games that test their sending and receiving skills; as well as their reaction and response capabilities.</p>
<p><b><u>History</u></b> In history this half term, we will be studying the causes of WW2 and the impact that it had in England and in our local area, incorporating lessons linked to the Blitz and air raids, The Battle of Britain, rationing, women in the War, evacuation and which countries were involved in the war.</p> <p><b><u>Key Vocabulary</u></b> dispute, rationing, evacuation, declaration, holocaust propaganda, blitz, legacy</p>	<p><b><u>Art</u></b> Throughout this half term, we will be practising our sketching and shading pencil skills in various ways, linking our learning to WW2. We will be using pictures and artefacts as stimulus and will be using the work of Geoff Nutkins (an artist during WW2) for inspiration.</p>
<p><b><u>PSHE</u></b> This half term, our unit of work will focus on relationships. We will be thinking about how our relationships have changed over time, what makes a good friend, how we are different to our friends which is something that should be celebrated and the features of a negative relationship and how that might make us feel.</p> <p><b><u>Key Vocabulary</u></b> Attraction, capable, caring, changes, choice, conflict, consequences, considerate, image, loyal, network, physical, qualities, reflect, relationship, respect, responsible</p>	<p><b><u>Computing</u></b> In computing this half term, we will be using 2Simple to practise our coding skills. During these sessions, we will be designing, coding, testing and debugging for different aspects of computer programming. We will be understanding how an IF statement works, understanding how to use co-ordinates in computer programming, understanding the 'repeat until' command, understanding how an IF/ELSE statement works and understanding what a variable is in programming.</p>
<p><b><u>Science</u></b> In Science this half term, our unit will be light. Children will learn that light travels in straight lines and investigate that shadows have the same shape as the object that cast them. Children will be using an investigative approach to a series of light challenges and posing scientific questions to further their knowledge of light.</p> <p><b><u>Key Vocabulary</u></b> Light source, translucent, transparent, opaque, prism, reflect, refract, spectrum, absorption, dispersion</p>	<p><b><u>Visits and Visitors</u></b></p> <p>Crucial Crew –Friday 26<sup>th</sup> September</p>
<p><b><u>How can you help at home?</u></b></p> <p>*Please encourage your child to participate in our Redscope Reading Challenge. We have a range of fantastic age-appropriate books which are perfect for children to read independently or to share as a family and an amazing selection of books in our library. All children should be reading for 15 minutes at least three times per week and these sessions should be logged in their planner.</p> <p>*All children learn a new spelling pattern/rule each week. Please discuss the rule with your child and help them to learn the spellings that they have been given. All children have a login and password for Spelling Frame and should be accessing this weekly to practise the rule taught.</p>	

\*In maths, please encourage your child to access Times Table Rockstars to help them to recall their table facts quickly. Your child's login details are in their planners if they are unsure of how to access it.

\*As part of our WW2 topic, all children should complete a project that they are interested in. We have discussed possibilities with the children and a list of some ideas have been attached in their planner.

If you do have any questions about your child's learning, please do not hesitate to contact us through Class Dojo.