



Year Six

Autumn Two

English

Our focus for literacy this half-term will be 'Day of the Dead'. We will spend the first few days learning about this Mexican tradition. Our non-fiction unit is instruction writing and we will be making nachos and writing a set of instructions about how to do this. After this, we will be discussing the structure of a portal stories to help us to plan our own, looking in particular at the use of dialogue. The children will then use this to plan and write their own portal story dialogue that is appropriate to the story that they are writing.

We will be teaching elements of Grammar, Punctuation and Spelling 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.

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.

Mathematics

In our Power Maths lessons this half term, we will firstly continue to secure methods for all four operations in Unit 2 of the scheme, using weekly arithmetic sessions to practise using these methods on a regular basis. We will then move onto Units 3 and 4,

Unit 2- Four Operations

To complete this unit, children will secure their understanding of multiplication of 2-digit numbers and develop an understanding of written methods for division.

Unit 3- Four Operations

Children begin by learning to recognise and find common factors and multiples, before looking at prime numbers as a special example of numbers with specific factors.

Children will investigate the effects of squaring and cubing and will learn about the order of operations, investigating its effect on calculations and considering why it is important to have an agreed order

Unit 4- Fractions

This unit develops children's understanding of fractions, moving on to comparing, adding and subtracting unrelated fractions using common denominators and formal methods. It encourages problem solving of fraction problems while exploring efficient methods.

Key Vocabulary

Unit 2-multiply, multiplication, product, approximation divide, division, short division, long division, factor, multiple, divisor, remainder inverse, grid method, fraction, simplify, numerator, denominator

Unit 3- factor, common factor multiple, common multiple prime squared (x2), cubed (x3) order of operations, brackets inverse operation

Unit 4- whole, part numerator, denominator, common denominator equivalent simplify, simplest form factor, highest common factor, lowest common multiple compare, order, ascending, descending less than, greater than, proper fraction, improper fraction, mixed number, convert

<p><u>Religious Education</u> 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.</p> <p><u>Key Vocabulary</u> Fundraising, fairness, being empowered, Emergency aid Development, charity, thanksgiving, fellowship, justice, stewardship, almsgiving, Zakat, Ummah, generosity</p>	<p><u>Physical Education</u> 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> <p>For iMoves We will be focusing on teamwork, collaboration and communication. The skills which we will cover are the fundamental skills of passing and receiving the ball. We will be using a blindfold to play games. This will help to develop using our other senses to map the ball when it is passed across the floor. These skills will then be applied to volleyball.</p>
<p><u>Music</u> This half term, we will be having djembe drumming lessons with Rotherham Music Service.</p>	
<p><u>History</u> In history we will be learning about the Ancient Maya. We will be developing knowledge of the countries where the Maya people once lived. We will be understanding the purposes and uses of the inventions and creations of the Maya people. We will gather information about farming and their unique codices writing system.</p> <p><u>Key Vocabulary</u> Codices, civilisation, hieroglyphics, archaeologist, pyramid, temples, artefacts.</p>	<p><u>Art</u> This half term, we will be exploring the work of Jim Dine. We will be creating calendars in the style of Pop Art. Jim Dine creates abstract art using bold, bright colours. We will be layering the colours and developing our understanding of pattern and shape.</p> <p><u>Key Vocabulary</u> Motif, colour, form, texture, collage, symbolism.</p>
<p><u>PSHE</u> Our PSHE unit this half term is Growing Up-Responsibilities. Within this unit, we will discuss challenges that we may face in our lives and how we can overcome these using coping strategies. We will be discussing responsibilities that the children have and who is responsible to keep them safe and healthy. We will also be looking at mental and physical health and how children can stay healthy through physical exercise and a healthy diet.</p> <p><u>Key Vocabulary</u> Healthy, Impact, Mental Health, Nutrition, Physical Health, Positive attitude, Prejudice, Realistic, Responsibility, Rights, Self Esteem, Support, Teamwork, Treatment Violated, Wellbeing</p>	

Science

In Science this half-term, our unit will be electricity. We will be studying the inventions of scientists Thomas Edison, Benjamin Franklin and Nikola Tesla. We will learn how to use different electrical components to create a circuit to illuminate a lightbulb. Children will investigate how the brightness of a lamp changes with the number and voltage of cells used in the circuit. **Science**
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Key Vocabulary

component, series circuit, switches, voltage, brightness, symbols

Key Vocabulary

Electricity, volt, circuit, symbols, components, investigate

Visits and Visitors

How can you help at home?

*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. All children should be reading for 15 minutes at least three times per week and these sessions should be logged in their planner.

*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.

*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.

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