

Year 6 Curriculum Newsletter



Term 2

Dear parents and carers,

We hope you have all had a lovely half term break. We are so proud of how well the children have settled into Year 6 and how hard they have all been working.

Our dojo challenge project this half term has a Science focus and will be due in on Monday 12th December (see separate dojo post for details). We can't wait to see what the children create.

What is happening this term?

For whole school events please see the whole school dojo. We will keep you up to date with Year 6 events on our class dojo pages.

November 2nd and 3rd – TLCs

November 7th – School photographs

November 10th – Cinema Trip

November 14th – Odd Socks Day (Anti-bullying week)





November 18th – Children in Need

9th December – Christmas jumper day





The Value that we are focusing on this term is:



Kindness

Key Learning

Subject and Topic	Overview	Key knowledge
English 	Reading 	Prediction. Retrieval Inference
	Writing 	Writing a report about endangered species using clear organisational features, persuasive language and vocabulary that suits the purpose.
	Spelling Phonics	Suffixes – words ending in <i>est</i> , <i>ible</i> , <i>ing</i> , <i>ed</i> , <i>y</i> , <i>er</i> , <i>ant</i> , <i>ous</i> . <i>e.g. nicest, sensible, cycling, toasted, slimy, joker, observant, famous.</i>
	Grammar	Modal verbs to indicate the degree of possibility. Brackets, dashes and commas to show parenthesis.
Mathematics 	The Four Operations	<u>Key knowledge</u> Add and subtract integers, Common factors, Common multiples, Rules of divisibility, Primes to 100, Square and cube numbers, Multiply up to a 4-digit number by a 2-digit number, Solve problems using multiplication, Short division, Division using factors, Long division (including with remainders), Solving

		<p>problems with division, Multi-step problems, The order of operations, Mental calculations and estimation.</p> <p><u>Key vocabulary</u></p> <p>Add, Total, Make, Plus, Sum, More, Altogether, Difference, Leave, Subtract, Complex, Less, Minus, Take away, Mentally, Orally, BODMAS, Integer, Estimate, Inverse operation, Solve problems, Number facts, Place value, Column addition, Difference between, Column subtraction</p> <p><u>Key knowledge</u></p> <p>Equivalent fractions and simplifying, Equivalent fractions on a number line, Compare and order, Add and subtract simple fractions, Add and subtract any two fractions, Add mixed numbers, Subtract mixed numbers, Multi-step problems, Multiply fractions by integers, Multiply fractions by fractions, Divide a fraction by an integer, Divide any fraction by an integer, Mixed questions with fractions, Fraction of an amount, Fraction of an amount – find the whole.</p> <p><u>Key vocabulary</u></p> <p>Fraction, Proper fraction, Improper fraction, Halves, Hundreds, Two fifths, Compare, Less than, Backwards, Written method, Half, Sixths, Rounding, Numerator, Denominator, Four fifths, Solve problems, Common factors, Denomination, Mixed number, Quarters, Sevenths, Round, Equivalent, Common multiples, Estimate, Percentages, Thirds, Eighths, Simplify, Equivalence, Multiple, Simple fractions, Multiply, Estimation, Decimal, Tenths, Fifths, Degree of accuracy, Order, Greater than, Forwards, Divide.</p>
<p>Science</p> 	<p>Animals including humans</p>	<p><u>Key Knowledge</u></p> <ul style="list-style-type: none"> - Locate and name the major organs of the human body (Liver, stomach, heart, lungs, kidneys, brain, skin) - Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood - Describe the ways in which nutrients water and oxygen are transported within animals, including humans - Explain the impact diet on the human body and mental health and explain the importance of a nutritionally balanced diet using food groups names - Explain the impact of exercise on the human body and mental health - Explain the impact of drugs on the human body and mental health - Describe a lifestyle that promotes physical and mental health <p><u>Key vocabulary</u></p> <p>Liver, Stomach, Heart, Lungs, Kidneys, Brain, Skin, Circulatory, Heart, Blood, Blood vessels, Veins, Arteries, Capillaries, Oxygenated, Deoxygenated, Valve, Respiration Mental health, Physical health.</p>

<p>Computing</p> 	<p>Word and Presentation skills</p>	<p><u>Key Knowledge</u></p> <p>To know how to type on a keyboard. To be able to create, edit and save files. To be able to select and format text. To use images and format them. to know how to make hyperlinks.</p> <p><u>Key Knowledge</u></p> <p>Hyperlinks, word, processor, formatting, editing.</p>
<p>Design Technology</p>	<p>Fashion and textiles</p>	<p><u>Key Knowledge</u></p> <p>To understand the processes that go into designing and making costumes.</p> <p><u>Key Vocabulary</u></p> <p>Sewing, stitches, material, template, cotton, needle.</p>
<p>History</p>	<p>The Battle of Britain</p>	<p><u>Key Knowledge</u></p> <p>Name and locate countries and cities of the UK, geographical regions and their identifying human and physical characteristics, key topographical features (including rivers), and understand how some of these have changed overtime.</p> <p><u>Key Vocabulary</u></p> <p>Air superiority, Invasion, Defence, Dog fight, Spitfire, Messerschmitt, Radar, Decade, Century, RAF, Parliament, Luftwaffe.</p>
<p>Music</p> 	<p>Advent and Christmas carols</p>	<p><u>Key Knowledge</u></p> <p>Advent ad Christmas carols</p> <p><u>Key Vocabulary</u></p> <p>Carols, Pitch, vocals, harmony, tune, round,</p>
<p>Personal Social Health and Relationship Education</p> 	<p>SRE</p>	<p><u>Key Knowledge</u></p> <p>What is a safe relationship. Understanding the changes in the body during and after puberty.</p>
<p>Physical Education</p> 	<p>golf</p>	<p><u>Key Knowledge</u></p> <p>Understanding how to use the correct technique to aim at a target.</p> <p>To recognise and develop my own strengths and weaknesses.</p> <p><u>Key Vocabulary</u></p> <p>Target, accuracy, grip, stance, resilience, challenge</p>

<p>Religious Education</p> 	<p>What does it mean to be Jewish?</p>	<p><u>Key Knowledge</u></p> <ul style="list-style-type: none"> How do members of the Jewish faith celebrate and live out their beliefs in: <ul style="list-style-type: none"> - The journey of life? - Their main festivals and practices? - Their faith communities? - The wider world? Within the different groups of this faith, what are the most important similarities and key differences? Why do they differ? How do they seek to work together? What are my values, how are these similar or different to the values that Jewish people have/how Jewish live their lives? <p><u>Key Vocabulary</u></p> <p>Ark, Atonement, Bar/Bat Mitzvah, Covenant, Hebrew, Jewish, Kosher, Passover, Rabbi, Reflection, Shabbat, Rosh Hashanah, Star of David, Synagogue, Torah.</p>
<p>Spanish</p> 		<p><u>Key Knowledge</u></p> <p>We are learning, Classroom commands, Autumn colours and then Christmas related vocabulary.</p>