Year 5 Curriculum Newsletter

Term 1

Dear parents and carers,

Welcome back! We hope you've had a lovely, restful summer. We are looking forward to a great start to Year 5 and introducing lots of new learning to the children. We will be explaining the homework Dojo challenge now we have returned to school and it would also be great if you could continue to support your child at home by reading regularly and practising times tables and spellings often.

What is happening this term?

For whole school events please see the whole school Dojo.

We have a taster session for 'Hot Shots' basketball in September.

Year 5 PE Days are Mondays and Thursdays.
Celebration Assembly for at 2.40pm on a Friday.

The Value that we are focusing on this term is:

Kindness

Key Learning

Subject and Topic	Overview	Key knowledge
English 	Reading  In our reading sessions we are reading The Witches by Roald Dahl Class reader for both classes: The Boy in the Tower by Polly Ho-Yen	Key Knowledge Predict from details stated and implied Summarise main ideas, identifying key details Identify how language, structure and presentation contribute to meaning Evaluate author's language choice Distinguish between fact and opinion Participate in discussion about books Explain and discuss understanding of reading Provide reasoned justifications for views
	Writing 	**Writing to inform** – we are looking at Poetry: 'The Song of Hiawatha' and using the book 'Queen of the Falls' to write a series of diaries about significant events. Key vocabulary Restless, fearless, outstretched, visible, cascading, plunge, pounding, hypnotised, survive/survival, adjusted, discombobulation, spectators

	Spelling	Words ending in -tious ie. infectious Words ending in -ious ie. obvious Words ending in -cial ie. beneficial Words ending in -ant ie. relevant Words ending in -ance ie. relevance
	Grammar	**Punctuation** - full stops, capital letters, exclamation marks, question marks, commas in a list, commas after fronted adverbials, apostrophes for contraction and possession) **Adverbial phrases** – a phrase indicating time, place or frequency.
Mathematics  	Place value	<u>Key knowledge</u> Understanding Roman numerals Reading, writing and understanding the place value of numbers to 1,000,000 Understanding the powers of 10 Finding 10/100/1,000/10,000, and 100,000 more or less than a number Comparing and ordering numbers to 1,000,000 Rounding numbers up to 1,000,000 to the nearest 10, 100, 1000 <u>Key vocabulary</u> place value, millions, thousands, hundreds, tens, ones, zero, place value, greater than, less than, order, round, rounded, partition, digit, interval, sequence, linear sequence
	Addition and subtraction	<u>Key knowledge</u> Mental addition and subtraction strategies Adding and subtraction whole numbers with more than four digits Round to check answers Solve multi-step addition and subtraction problems Compare calculations and solve missing number problems <u>Key Vocabulary</u> Add, total, sum, more, altogether, addend, difference, subtrahend, minuend, subtract, less, take away, column addition, column subtraction, estimate, inverse operation, number, place value
	Multiplication and division	Understanding multiples and common multiples Understanding factors, common factors Understanding prime numbers, square numbers and cube numbers Multiply and divide numbers by 10, 100, 1000 Calculate multiples of 10, 100 and 1000 <u>Key Vocabulary</u> Multiply, factor, product, groups of, lots of, times, divide, share, remainder, factor, multiple

Science 	Forces	<u>Key Knowledge</u> We will be exploring gravity and friction, including water and air resistance, pulleys, levers and gears <u>Key vocabulary</u> Air resistance, water resistance, friction, gravity, Newton, pulley
Computing 	Creating media	<u>Key Knowledge</u> To explain that video is a visual media format To explore filming techniques To use a storyboard To plan a video To be able to edit a video To evaluate a video <u>Key Vocabulary:</u> panning, lens, mid-range, pan, tilt, trim <u>Key Knowledge Online Safety</u> Online reputation
Art  	Still life Through this unit children will extend their understanding of composition. This is a popular art form with many artists using this theme to practice and hone their skills.	<u>Key Knowledge</u> To know how a picture is composed. Children should be able to talk about the composition of a picture referring to the objects in it. To know how to create a sense of depth in a picture. To know how to use sketching to plan their initial composition. Children should be able to talk about the composition of a picture referring to the objects in it. Children should be able to quickly compose a picture through gestural sketching. To make their decisions for the media they would choose for their own art work. <u>Key Vocabulary</u> Line, shape, composition- construction & sketching, form, colour mixing, observation
Geography The Amazon 	Learning about the Amazon and human impact on the environment.	<u>Key Knowledge</u> To know where Brazil is and what is it famous for. To identify rainforests and their main features. To know why rainforests are often in the news and what can we do to help. To discuss ways in which humans have both improved and damaged the Amazon. <u>Key Vocabulary</u> Brazil, Rainforest, Amazon, Endangered, Species, Environment, Damaged, Improved, Human impact

Music Dancing in the street 	Shaping Music	**Key Knowledge** I know what ternary form is. I know how to write a piece of music with Music Notepad using an appropriate clef and adding details such as dynamics. I can read and play melodies from written music, understanding how different note values (such as crotchets and quavers) and time signatures (2/4, 3/4, 4/4) work together to create rhythm. I can improvise confidently reflecting the character of the backing music. **Key Vocabulary** Pulse, rhythm, pitch, tempo, dynamic
Personal Social Health and Relationship Education 	Protective behaviours	**Key Knowledge** Rights, responsibilities and feelings, early warning signs, our safety network and safe places **Key Vocabulary** Rights, responsibility, network, safety, control, choice
Physical Education 	Coordination Ball Skills Agility Reaction / Response	**Key Knowledge** I can use my awareness of space and others to make good decisions. I can understand ways to judge performance. **Key Vocabulary** Pivot, throw, pass, landing, serve, catch, opponent.
Religion and Worldview 	What is a worldview? What are the worldviews of people where we live?	**Key Knowledge** What is a worldview and what factors influence it? How is my worldview unique to me? What worldviews do people have in Northamptonshire? How can we express our beliefs creatively? How do we show understanding and respect towards different worldviews in our community? **Key Vocabulary** worldview, religious and non-religious worldview, influence, culture, experiences, upbringing, education, society, location, British values, respect, tolerance.
Spanish 	My school, my subjects	Conversations about us and school subjects. Who we are, where we live, what we like at school.