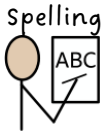
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Autumn 1 – Year 5 Curriculum Overviews

Welcome to Year 5! Please find our key learning for this term outlined below.

Subject	Theme/Topic	Key Learning
Writing 	Narrative: Character Description	Year 5 will be using the following grammatical techniques to write a setting character description of a ghostly miners linked to our class text, 'The Giants Necklace'. - Powerful adverbs - Fronted adverbials - Coordination subordination - Subordination conjunction - Expanded noun phrases (including with prepositions) - Start with a simile - ing/ed sentence starters
	Instructions	We will then apply our learning with the following grammatical techniques to write an instruction text about how to stay safe on holiday. - Adverbs -Imperative verbs - Time connective brackets
Spelling 	Spelling Rules + Homophones	<u>Homophones</u>: past, passed morning, mourning practice, practise licence, license altar, alter, **-cious and -tious endings** **ough words**
	Spelling words to learn	**ous suffix:** disastrous, marvellous, mischievous **'l' spelled le:** available, vegetable, vehicle, muscle **tion suffix:** competition, explanation, profession, pronunciation **Adjacent ie:** soldier, sufficient, variety, ancient **No adjacent ie:** foreign
Reading 	Materials (Information Text)	We use VIPERS for reading comprehension across all of our reading lessons. This enhances the children's understanding of the text whilst practising fluency within word reading. V – Vocabulary (Why has the author used this word?) I – Inference (How can you tell that…?) P – Prediction (What do you think will happen next?) E – Explanation (Why is the text arranged in this way? R – Retrieval (What happened to…?)

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		S – Summarise (Order the events of the story)
Maths 	Understand tenths as part of a whole, represent and calculate mentally	In this unit, children will learn how tenths can be written as decimals and will build on what they already know about fractions and place value. They will use decimals when multiplying and dividing by 10 and 100 and learn how to round decimal numbers to the nearest whole number. Children will also use column addition and subtraction with decimals and extend their understanding to include hundredths.
	Compose and calculate with decimals including column addition and subtraction	In this unit, children will build on their understanding of decimals and learn how hundredths are parts of a whole. They will use column addition and subtraction to solve problems with decimal numbers. Children will also practise representing and working with tenths and hundredths to become more confident using decimals in maths.
	Understand hundredths as parts of a whole and represent	In this unit, children will learn about decimals up to hundredths and understand what they mean. They will practise showing, comparing and putting decimal numbers in order, as well as splitting them into different parts. Children will then use these decimal numbers to measure and work with lengths in real-life contexts.
	Use knowledge of decimals to solve problems in different contexts: length	In this unit, children will use their understanding of decimals when measuring length and converting between metres and centimetres. They will practise adding, subtracting and solving problems involving length, as well as comparing and ordering decimal numbers. Children will also learn to use decimals with up to three decimal places and apply these skills when working with money in everyday situations.
	Negative numbers	In this unit, children will learn about negative numbers and where they sit in relation to zero on a number line. They will explore how negative and positive numbers are used in everyday situations, such as temperature, graphs and coordinates. Children will also compare and read different positive and negative numbers before moving on to work with larger numbers up to 8 digits.
Science 	Properties and Changes of Materials	In this unit, children will investigate different materials and explore their properties, such as how hard they are, whether they dissolve, let light through, conduct heat or electricity, or are attracted to magnets. They will learn how mixtures can be separated using methods like filtering, sieving and evaporation, and will carry out tests to help explain why different materials are used for different purposes. Children will also explore reversible changes, such as dissolving and changes of state, and discover that some changes create new materials and cannot easily be undone.
Geography 		**N/A**
History 	Ancient Greece	In this unit, children will learn about life in Ancient Greece and discover how it has influenced the world we live in today. They will explore Greek beliefs, famous myths and theatre, and compare the city-states of Athens and Sparta. Children will also learn about the beginnings of democracy, important events such as the Olympic Games and famous battles, and find out how Alexander the Great helped shape Ancient Greek history.
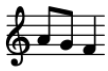
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Art 	Typography and Maps	In this unit, children will explore typography and discover how letters, words and images can be used creatively to share ideas and emotions. They will look at the work of artists and designers who use lettering and maps to tell stories and communicate meaning. Children will then design their own creative maps, using visual elements and three-dimensional features to bring their ideas to life.
Design Technology 	CAD structures: Architecture	In this unit, children will be introduced to 3D computer design and learn how technology is used to create buildings. They will explore the work of modern architects and find out how sustainable homes are designed to help protect the environment. Using Tinker CAD, children will develop their design skills and create a 3D model of their own sustainable house.
PE 	Outdoor adventurous activities: orienteering.	n this unit, children will learn how to use and orientate maps to find different locations. They will follow routes and think carefully about the best way to reach as many points as possible within a set time. Children will work together as a team, developing their problem-solving, communication and teamwork skills while completing a range of exciting challenges.
	Invasion games: shooting, scoring and denying space in ball games.	In this unit, children will build on their skills in a variety of ball games, using passing, moving, dribbling and shooting to attack and score. They will learn how to work together to create simple attacking and defending tactics and use these effectively during games. Children will also begin to understand how defenders can use space and positioning to make it harder for the other team to attack.
RE 	Why do Hindus want to be good?	In this unit, children will learn more about the Hindu way of life and explore important ideas such as karma, dharma and samsara. They will listen to and discuss the story of the Man in the Well from the Mahabharata and think about the lessons it teaches. Children will also explore how these beliefs can influence the choices Hindus make in their daily lives, including the ways they help and care for others through charity work.
PSHE 	Me and My Relationships	Children will learn to understand and talk about their feelings, recognise what they need emotionally, and build positive friendships. They will practise skills such as sharing, taking turns, cooperating with others, and finding fair solutions when they disagree. Children will also learn how to express their thoughts and feelings in a calm and confident way while respecting others.
	Valuing Difference	Children will learn that everyone is different and that these differences, including cultures and beliefs, should be respected and celebrated. They will explore how to stay safe online, make good choices when using technology, and think carefully about what they see and hear on the internet. Children will also learn how to recognise bullying online, know where to get help, and build confidence in themselves and others.
Music	Pulse	Children will sing and play confidently while keeping a steady pulse (beat). They will be able to create and read simple rhythms using musical notes and symbols, understanding how different note lengths fit

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		together to make patterns in music. When performing with others, they will play their own part accurately and understand how music can be organised and structured. Children will develop Year 5 musical vocabulary, such as pulse, rhythm, tempo and structure, to describe and evaluate their own and others' performances.
MFL (Spanish) 	Me and others: singular 'estar' (for states) and 'Ser' (for traits)	In this unit, children will learn new ways to say "we are" in Spanish and use these alongside words they already know. They will practise describing people and things, learning how adjectives change when talking about more than one person. Children will also explore the difference between talking about how someone is feeling and what someone is like, while continuing to build their confidence in speaking and reading Spanish.
Computing 	Computing systems and networks	In this unit, children will learn how different parts of a digital system work together to complete tasks and explore how devices are connected. They will discover how search engines help us find information online and practise using them to search effectively. Children will learn that searching sometimes requires refining keywords to get better results and will explore how search engines organise and rank information. They will also create their own webpages and investigate why some websites appear higher in search results than others.

Resources		
Please find other optional resources that you might choose to further support your child's learning.		
Name	Resource Type	Topic Link
Hit the button 	Website https://www.topmarks.co.uk/maths-games/hit-the-button	Times Tables (Maths)
Time table rock starts	Home - Times Tables Rock Stars	Timetables (Math)
Bitesize	Year 5 - England - BBC Bitesize	English (Grammar, punctuation)

PE Days	
Mondays	Tuesdays

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Homework		
Homework is set every Friday. Please encourage your child to complete set tasks by the following Friday to support their progress and understanding of new learning.		
Reading	Read your reading book	5 days per week (10 minutes)
Spelling	Practise your spelling words for this half term (see *Spelling words to learn at home* section)	3 days per week (15 minutes)
Maths	Times Table Rockstars	3 days per week (15 minutes)