



Curriculum

Spring 2019

We hope that this brief information is useful and will provide you with an insight into the work your child will be doing this term.

Should you require any further information please do not hesitate to speak to your child's teacher or to Mrs C. Nichols or Mrs C. Bailey.



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Key Stage 1:

Year 1 English

We will continue to learn phonics through the Letters and sounds programme. The weekly spellings will be linked to these. The children will be heard to read several times a week and will be encouraged to read more widely during lessons. We will be teaching pre cursive handwriting in handwriting lessons and will be beginning to join. The main focus this term is on nursery rhymes and traditional tales and fairy tales.

The children will re-tell stories, focus on using adjectives, invent their own stories, learn about story settings and characters and do simple comprehensions.

The children will learn that writing can be used for many different purposes by creating reports and posters and they will have lessons on specific grammar rules.

Year 2 English

This term we will be studying a selection of stories linked to our 'Toys' topic, exploring and writing our own adventure stories, comic strips and information texts. We will continue our poetry work as well as building on our letter writing skills, all linked to our topic.

As we write recounts of our holidays and occasions in school, we will be focusing on describing events in chronological order with better use of conjunctions and descriptive vocabulary to form more detailed and interesting sentences.

We look forward to reading a range of stories from China looking at common features and repeating patterns. We will be indulging in some cooking and will link instructional writing into our English work.

Year 1 Mathematics

The children will learn about counting on and back in 1s to 100, understand place value in 2 digit numbers, revise doubles and number bonds to 10, do simple addition and subtraction and count on 2 and 3 more from a given number. We will also look at 3-D shapes and their properties, begin to recognize units of time, count on and back in 10s and 5s, learn to estimate and develop their understanding of number to 100.

Year 2 Mathematics

We will consolidate our understanding of place value and knowledge of key number bonds, using these facts to solve addition and subtraction questions, including through the use of money. We will round numbers to the nearest 10 and revise doubles and their corresponding halves to 15. In shape work we will recognise, identify and sort the properties of 3D shapes and recognise halves, quarters, thirds and two thirds of shapes. We move on from counting in twos, fives and tens to reciting these facts as times tables from memory. Work on telling the time will extend to knowing the nearest quarter on analogue and digital clocks. Help at home will support children's learning of this topic.

Subject	Year 1	Year 2
Art/DT	In Art, the children will link their work with the Science theme of materials and the traditional tales. They will make a textured collage tree, make print houses for the Three Little Pigs, design and make a hat for an Elf and make junk model castles. They will use the skills learned to make cards for Easter and Mothering Sunday.	We will experiment with resist techniques through, for example, tie and dye. Looking at ethnic patterns, we will design some of our own. We will link our Design Technology work with our history topic on Toys as the children design and build their own moving vehicles.
Humanities	Children will learn about following a simple map using directions. They will also learn about William Caxton and the printing press that brought books to more people. We will consider how communication has changed from letter to email. We will move on to William the Conqueror and castles, learning the correct terms to describe a castle and the jobs people did in a castle, all of which ties in with our traditional tales theme.	We will focus on toys from the past and present. The children will find out how photographs and artefacts help us to learn about the past. We will look at the Earth in closer detail, using maps and atlases to locate the continents and oceans. We will then concentrate on China, its physical features and where it is in the world.
ICT	Learning how to use software safely for interactive learning units. Controlling floor robots.	Computer programming.
Modern Foreign Languages	In their French lesson, children will be learning a variety of vocabulary for parts of the body, animals, colours, classroom objects and they will learn instructional language.	In their French lesson, children will be learning a variety of French food and drink vocabulary.
Music	We will be looking at pulse and rhythm. We will also continue to sing new and favourite songs in our dedicated class singing lesson.	We will be exploring pitch in our music lessons. We will also enjoy class singing lessons which are an opportunity for the children to learn new songs and revisit their favourite ones.
PE	Children will explore spinning, rocking and rolling in gymnastics. In dance children will explore a variety of movements and their qualities linked to traditional tales. We will work co-operatively in small groups to develop games skills.	Gymnastics will focus on body parts which are high and low. In dance children will create short dances with three phases, communicating mood. Games lessons will develop aiming, striking, dribbling, throwing and catching.

PSHE	The children will learn about relationships as part of the One Decision scheme. We will be linking this to the characters in traditional tales to consider how they behave towards one another and the lessons they learn. We will have a worry box for us to discuss any worries. We will also be using circle times to support this.	PSHE themes are 'Going for Gold', and 'Good for Me'.
RE	The children will learn about different places of worship and that people have their own special books. They will celebrate Shrove Tuesday and learn about Chinese New Year, Holi and Easter.	RE focuses on religious buildings and their significance in peoples' lives, in particular the church.
Science	The children will learn about materials and their uses. They will also learn about plants and growing and will plant some seeds. Alongside this they will observe seasonal changes.	Uses of everyday materials. Use Explore qualities and categories of materials. Find out about some scientists who developed new materials that are useful: John Boyd Dunlop & Charles Mackintosh.
Swimming	We will continue to develop our strokes and also be aiming to increase our stamina so we can maintain our strokes further. We will also work on our streamlined position leading to introducing diving.	We will be continue to develop our strokes and work on our streamlined position leading to introducing diving.



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Key Stage 2:

English and Mathematics:

Year 3 English

Our theme for the Spring term is Heroes. Children will use 'Spyder' by Matt Carr to create their own mini-beast Superhero, using the story mountain to plan out a 5 part story. The grammar focus will be on extending their range of sentences with more than one clause, use of commas and the idea of tense in verbs. Children will also be discussing who they consider to be heroes, thinking about their own aspirations and looking at significant people who may have impacted their lives, leading on to writing biographies.

Year 4 English

Children will be studying 'Kensuke's Kingdom' by Michael Morpurgo as part of our English theme 'Desert Island'. Work will focus on how the author creates problems to be encountered and solved by the main characters and children will be encouraged to develop their use of complex sentences with a range of connectives when writing their own stories. We will also revisit dialogue punctuation and introduce the use of colons. Non-fiction writing will focus on island survival and incorporate a range of tasks including designing a shelter and writing a survival guide.

Year 3 Mathematics

Number work will include place value in 3 digit numbers, mental addition, subtraction, multiplication and division, identifying fractions and their equivalents, rounding to the nearest 10 and mental subtraction of amounts of money. In geometry, children will study angles and the properties of 2D shapes and begin to understand and use the term 'perimeter'. Telling the time to the nearest minute will be revisited, along with calculating time intervals and working through worded problems.

Year 4 Mathematics

Children will continue to develop and use mental and written methods for addition, subtraction, multiplication and division, with an emphasis on problem solving. They will work on their times tables with the focus this term on the 7 times table. They will use the 12 hour and 24 hour clock to tell the time both digitally, and using an analogue clock. Children will further develop their understanding of fractions, along with equivalence to decimals, building on last term's work. Work on shape will include learning about angles and lines and we will also look at 2D shape and line symmetry.

Subject	Year 3	Year 4
Art, Design Technology, ICT	<p>Art – To use clay as a modelling material.</p> <p>To use colour and pattern to create interesting design work.</p> <p>To develop the ability to record from direct observation.</p> <p>DT – Electrical circuits. Design and make a choice boards.</p> <p>ICT – Email & branching databases.</p>	<p>Art – To research rainforest leaves then use felting techniques to create a rainforest-style leaf based on the Humanities topic of Brazil and the Amazon Rainforest. Children will be encouraged to embellish their leaf with a variety of materials and techniques.</p> <p>DT – Investigate various linkage mechanisms. Incorporate into a storybook with movement on each page.</p> <p>ICT – Internet Safety and Animation</p>
Games	Girls will work on hockey and then football. First half term the boys will develop their football or rugby skills (depending on which sport they played in the second half term of Autumn term). Second half term they will play hockey.	Girls will develop their netball and then football skills. Boys will have 3 weeks on each of football and rugby and then half a term of hockey.
Humanities	Study will focus on the Ancient Greeks. The children will identify Greece and explain how the empire grew. They will look at how the political system worked in ancient Greece, comparing it with modern day politics. Greek myths will be used to learn about the different gods and goddesses.	Focus will be on South America, particularly the country of Brazil. We will use a globe and an atlas to identify physical and human features of Brazil. We will also study the people and climate of Brazil and its location to the equator. Examination of the layers of the Amazon Rainforest and the animals which live there will also like Humanities with Art lessons.
Foreign Languages	Children will study Spanish vocabulary for numbers, days of the week, months of the year, birthdays and animals.	Children will study Spanish vocabulary for animals, parts of the body and descriptions.
Music	Pupils will practise and perform class ensemble pieces. They will be using a variety of instruments, practising and listening to each other as we build the music together for a performance. We will also consider the topic of Dynamics and Silence and complete a percussion topic.	Pupils will practise and perform class ensemble pieces. They will listen to, and then select, some soloists to play on the same occasion. Finally, pupils will continue studying the rhythm topic started in autumn term.

Drama	We will continue to explore voice production, stage presence and simple improvisation skills along with work on some pieces of performance poetry. We will also begin to work on pieces to perform in the Summer term.	Through Midsummer Night's Dream children will study complex characters and respond creatively to the text. We will work on adapting speech for a range of purposes and audiences.
PE	Gymnastics; Children will show symmetry and asymmetry through rolls, jumps and spins. They will adapt ideas on apparatus and refine sequence building and collaborative skills. Dance;	Dance; explore and create characters and narrative in response to text and illustrations from the story 'Varmints' by Helen Ward and Marc Craste. Gymnastics; create, practise and perform skills allowing travel through, under, over a partner or apparatus.
PSHE	Children continue to learn about Keeping and Staying Safe, focusing on healthy eating, road safety and thinking about who keeps us safe.	In PSHE, Year 4 will continue to look at Keeping and Staying Safe, with a focus on cycle safety, followed by Keeping and Staying Healthy with a focus on healthy eating.
RE	Children will study Islam, describing the key features of religions including the role of leaders at the mosque, roles of family members in the home, the design of a mosque, the importance of Mecca, the significance of holy writings and the Arabic language.	Children will study Judaism, describing the key features of religion including food laws, objects in the synagogue, the stories of Daniel and Samson and Delilah, the importance of the Torah and the Hebrew language. They will be encouraged to recognise similarities and differences across faiths previously studied. They will try to make links between beliefs and sources, including religious stories and sacred texts. Pupils will also examine the impact of religion on people's lives and suggest meanings for a range of religious expression.
Science	Pupils will learn that animals, including humans, need the right types and amounts of nutrition and that they cannot make their own food. They will research different food groups and how they keep us healthy. They will design and make meals based on what they have found out. Children will also investigate and measure	Pupils will learn the characteristic properties of solids, liquids and gases through exploration of typical materials and through classifying examples. They will learn about the change of state when materials boil or freeze. They will learn the names of some common gases. They will learn about the water cycle and introduce reversible changes.

	<p>the acidity in drinks and look at food labels to compare the amounts of sugar and salt they contain.</p> <p>Children will explore how forces can make objects start to move, speed up, slow down or change direction. They will identify that magnets attract some materials and not others and that these are known as magnetic materials.</p>	<p>They will make careful observations and explain what they show. They will use Venn diagrams to sort materials. They will plan and carry out fair tests, learning to identify and control variables and drawing tables to record data and presenting the data graphically.</p> <p>Sound Pupils will build on their understanding of hearing. They will develop their vocabulary for describing sounds and identify different sound sources. They will learn that sounds are made by vibrations which travel through a medium to the ear. They will learn that sounds get fainter the further away the source is and they will explore ways in which to change the pitch and volume of sound.</p> <p>The pupils will look for patterns between the volume of the sound and the strength of the vibration. They will also explore the pitch of a sound and ways in which it can be changed. They will investigate how to make and change the sounds produced in a range of ways. They will set up fair tests, take measurements and report of findings.</p>
Swimming	Stroke improvement and basic skills including, push and glides, diving and sculling.	Stroke improvement and basic skills including, push and glides, diving and sculling.



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Key Stage 2:

Year 5 English

Children will be taught reading and writing holistically through text led learning. We will be focussing on Charles Dickens' 'Oliver Twist', 'Joey Pigza Swallowed the Key' by Jack Gantos, and 'Hyperspace High – Crash Landing' by Zac Harrison. Children will be exploring different types of comprehension texts and working on the different skills needed to answer effectively and concisely. They will write recounts, explanations, stories and news reports with a fiction and a non-fiction approach. Children will learn how to shift the formality of their writing for effect. Activities will be done on a variety of punctuation, word types and other areas of grammar in order to improve writing effectively and descriptively using a range of sentence types.

Children will benefit from a mixture of independent, paired and group work and they will look at a variety of possible methods to present their ideas.

Year 6 English

Children will explore the theme of 'Outsiders', studying a range of texts. They will develop written responses in their exploration of views on 'differences' and 'acceptance'.

Children will learn to recognise how arguments are constructed and identify the features of balanced written arguments. They will construct their own effective arguments. Children will form arguments and structure them into speech so that they are able to take part in a debate.

Children will explore the biography of a particular person as presented in a range of different texts, on paper and on screen. They will build up a picture of the life from the various perspectives offered, as well as discussing and evaluating the key features, structure, organisation, presentational features and differences between the texts. Children will practise taking notes and then prepare an oral presentation about a person's life followed by a modelled writing challenge to write a biography of their own.

Year 5 Mathematics

Year 5 will study: 6 digit place value, mental addition and subtraction, written addition and subtraction, prime numbers, square numbers and square roots, properties of triangles, converting units of measurements, adding 2-place decimals, written multiplication and division, mixed and improper fraction, fractions of amounts and fractions multiplied by whole numbers.

Year 6 Mathematics

Number work will include place value using 7 digits and decimal numbers to 3 decimal places. Column addition and subtraction with 5 digits, short and long multiplication,

short and long division including decimals will all be developed further. Fractions will be linked to ratio. Statistics work will include calculating means and interpreting graphs. Work on co-ordinates will be linked with other Geometry work on quadrilaterals and polygons. Algebra will include describing and continuing sequences as well as expressing simple formulae using words letters and letters.

Subject	Year 5	Year 6
Art, Design Technology, ICT	<p>Art – Internal structures to develop modelling techniques and decorating using different media</p> <p>DT – Investigate the uses of cams and incorporate a cam mechanism into a model vehicle.</p> <p>ICT – Communication information through the media and Computer programming</p>	<p>Art - Consider shape in composing designs using a variety of textures to develop a weaving frame.</p> <p>Develop their own design based on the work of William Morris and use watercolour paints/monochrome media to develop and finish their designs.</p> <p>DT – Investigate shelters around the world. Design and make a model of a permanent shelter used by human beings.</p> <p>ICT – Computer programming</p>
Games	Boys will cover both rugby and football in Games and girls will play hockey and netball.	Games will include football and rugby for boys and netball and hockey for girls.
Humanities	<p>Children will study settlements and land use, Energy & The Environment.</p> <p>Characteristics of early settlements. Using Geographical vocabulary to identify and describe places. Debating settlement/land use issues and showing respect for different viewpoints.</p> <p>The distribution of natural resources – including Energy. Renewable energy. Recycling and energy. Saving Energy what can we do?</p>	<p>Pupils will locate the world’s countries, using maps to focus on Europe, concentrating on: Environmental regions. Physical and human characteristics, countries and major cities. Focus on an area and include similarities and differences with the UK.</p> <p>Rivers, the water cycle, their stages, features, pollution and flooding.</p> <p>Coasts; Erosion, beach formation, coastal landforms. The effects of coastal erosion on humans and why we need to manage the coastline.</p>
Foreign Languages	Children will study Spanish vocabulary for numbers, days of the week, months of the year, birthdays and animals.	Children will study Spanish vocabulary for animals, parts of the body and descriptions.
Music	Children will continue to work on musical patterns;	The children will be preparing songs for the musical

	composing melodic ostinatos in Chinese style, on keyboard. These will be musically layered with improvisation using techniques to achieve style. They will look at more complex rhythms and notation.	production. They will include part singing, group singing and singing in role, and include opportunities to discuss movement, mood and how the Performing Arts "gel" together. A short topic on orchestral families will be started to be expanded next term.
PE	Dance; inspired by David Bintley's 'Still Life at the Penguin Café' explore rhythm and different dance styles. Gymnastics; Use travelling and jumping actions initiated by pushing and pulling on the floor and apparatus.	Dance; To develop use of shape, dynamics and narrative through 'Superheroes' theme. Gymnastics; Work with a partner to create a sequence of 'Sports acrobatic' balances.
PSHE	In PSHE, the children will learn about keeping safe online and in particular, image sharing. They will discuss why we should look out for others as part of a 'being responsible' unit. They will also explore feelings and emotions with emphasis on worries.	In PSHE, Year 6 will look at Human rights issues and being responsible, thinking about laws and how they affect each of us. We will explore feelings and emotions with a focus on anger: how it can be managed, prevented, and the impacts and consequences of anger.
Drama	Children will explore 'Twelfth Night' by William Shakespeare and learn about complex characters, focusing particularly on Malvolio and the fool. They will also look at differences and similarities between 'Twelfth Night' and 'A Midsummer Night's Dream'.	Children will examine 'Romeo and Juliet' involving interpretation of the text so they can adapt the play to modern times. We will explore themes of love, jealousy, hopes and desires and look at the personalities of different characters.
RE	Children will continue to describe the key features of Christianity, looking at figures of importance, symbols, acts of faith and festivals. They will be encouraged to recognise similarities and differences across faiths previously studied. They will then move onto studying the founding of Sikhism, how Sikhs practice their faith and the use of artefacts and symbols to aid worship.	In RE, Year 6 will continue to look at Hinduism and compare with other world religions. Children will be encouraged to make links between values and commitments and their own attitudes and behaviour. They will then move onto studying Buddhism, the enlightenment of the Buddha and the practices and way of life of follows of Buddhism.
Science	In Science, children will develop their knowledge of the Earth's (and other planets') place in the solar system, and	Pupils will be learning about how the circulatory system enables the body to function. They will learn how to keep

	<p>their relationships with other bodies in space, in particular with the Sun.</p> <p>They will also learn how mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect, and they use this knowledge in different investigations.</p>	<p>their bodies healthy and how their bodies may be damaged.</p>
Swimming	<p>Stroke Technique and competitive starts, turns and finishes for all strokes.</p>	<p>Stroke Technique and competitive starts, turns and finishes for all strokes.</p>