

Year 4 Curriculum Overview 2017-2018

	Autumn	Spring	Summer
English	<p>Story settings Write a section of a narrative (or several narratives) focusing on setting</p> <p>My Incredible Trip to the Jungle (writing to recount)</p> <p>Adventure at Sandy Cove Trust (suspense tale)</p> <p>Dragons (writing to inform)</p> <p>Robin Hood (characterisation unit)</p> <p>Class reading - The Secret Garden & The Three Musketeers</p> <p>Picture books: The Heart and the bottle by Oliver Jeffers The Boy Who Grew Flowers by Jen Wojtowicz Tales from Celtic Lands by Caitlin Mathews, Olwyn Whelan and Niamh Cusack Robin Hood by Marcia Williams</p>	<p>A story/stories with a theme Relate the theme of the story to personal experience and write an autobiographical story/account reflecting that theme.</p> <p>Reilly and the Magic trolley (fantasy story)</p> <p>One Wish (wishing tale)</p> <p>If I had Wings? (poetry unit) Vocabulary building Read, write and perform free verse</p> <p>Class reading – Jungle Book</p> <p>Picture books: Into the Forest by Anthony Brown The Scarab’s Secret by Nick Would and Christina Balit</p>	<p>A story/stories with a theme Relate the theme of the story to personal experience and write an autobiographical story/account reflecting that theme.</p> <p>Trust (dilemma tale)</p> <p>Zelda Claw (suspense tale)</p> <p>Class reading – The Butterfly Lion & Varjak Paw</p> <p>Vocabulary building Read, write and perform free verse</p> <p>Take one poet – poetry appreciation Research a particular poet. Personal responses to poetry Recite familiar poems by heart</p>

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Spelling focus:

Suffix -ous
Endings -tion, -sion, -ssion, -cian
Words with /k/ written as 'ch' and Greek origin
Possessive apostrophe with plural words
Homophones or near-homophones

Key vocabulary for teaching and learning:

- Simple, compound, complex sentences
- Apostrophes for omission and possession
- Word classes – verbs, nouns, adjectives, adverbs, prepositions, pronouns, articles, connectives
- Use a variety of phrases, clauses and adverbials for effect.
- Extend the use of drop-in phrases.
- Use prepositional phrases to start sentences.
- Ed, ing, ly starters
- Plurals/singular

Spelling focus:

/ch/as/sh/ French origin
Words ending /g/ sound spelt -gue and /k/ as -que (French origin)
Possessive apostrophe with plural words
Homophones or near-homophones

Key vocabulary for teaching and learning:

- Phrases and clauses
- Active and passive
- Word classes – verbs, nouns, adjectives, adverbs, prepositions, pronouns, articles, connectives
- Types of noun – abstract, common, collective, proper
- Apostrophes for omission and possession
- Word classes – verbs, nouns, adjectives, adverbs, prepositions, pronouns, articles, connectives

Spelling focus:

Words with /s/ spelt 'sc' (Latin origin)
Words with 'ei', 'eigh' or 'ey'
Possessive apostrophe with plural words
Homophones or near-homophones

Key vocabulary for teaching and learning:

- Extended noun phrases including prepositions
- Apostrophes for omission and possession
- Word classes
- Apostrophes for omission and possession
- Use a variety of adverbials for effect
- Extend the use of drop-in phrases

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<p>Maths</p>	<p>Reasoning with 4 digit numbers</p> <ul style="list-style-type: none"> • find 1000 more or less than a given number • recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones) • identify, represent and estimate numbers using different representations • order and compare numbers beyond 1000 • round any number to the nearest 10, 100 or 1000 • read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value • count in multiples of 6, 7, 9, 25 and 1000 <p>Problem solving with integer addition and subtraction</p> <ul style="list-style-type: none"> • add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate • estimate and use inverse operations to check answers to a calculation 	<p>Fractions</p> <ul style="list-style-type: none"> • recognise and show, using diagrams, families of common equivalent fractions • add and subtract fractions with the same denominator • count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten • solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number <p>Decimals</p> <ul style="list-style-type: none"> • find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths 	<p>Coordinates, shape and symmetry</p> <ul style="list-style-type: none"> • describe positions on a 2-D grid as coordinates in the first quadrant • plot specified points and draw sides to complete a given polygon • describe movements between positions as translations of a given unit to the left/right and up/down • compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes • identify acute and obtuse angles and compare and order angles up to two right angles by size • identify lines of symmetry in 2-D shapes presented in different orientations • complete a simple symmetric figure with respect to a specific line of symmetry <p>Calculating with whole numbers and decimals</p>
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	<ul style="list-style-type: none">• solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why <p>Multiplication and division</p> <ul style="list-style-type: none">• recall multiplication and division facts for multiplication tables up to 12×12• recognise and use factor pairs and commutativity in mental calculations• use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers• solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects• multiply two-digit and three-digit numbers by a one-digit number using formal written layout <p>Time</p> <ul style="list-style-type: none">• write and convert time between analogue and digital 12- and 24-hour clocks• convert between different units of measure [for example, hour to minute]	<ul style="list-style-type: none">• round decimals with one decimal place to the nearest whole number• compare numbers with the same number of decimal places up to two decimal places <p>Area and perimeter</p> <ul style="list-style-type: none">• measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres• find the area of rectilinear shapes by counting squares• convert between different units of measure [for example, kilometre to metre] <p>Solving problems with addition and subtraction</p> <ul style="list-style-type: none">• solve simple measure and money problems involving fractions and decimals to two decimal places• estimate, compare and calculate different measures, including money in pounds and pence	
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	<ul style="list-style-type: none"> problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days <p>Discrete and continuous data</p> <ul style="list-style-type: none"> solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs 		
Science	Electricity	States of matter Sound	Living things and their habitats Animals, including humans Trips/workshop: The Lookout Centre (Bracknell)? Teaching Talons?
ICT	Building a narrative creative story. Creating a simple educational game.	Producing Digital Music Introduction to variables	Producing a Wiki. Presenting the weather.
History	The Roman Empire and its impact on Britain. Understanding what life was like during the Roman times.	Early Civilizations and Ancient Egypt The achievements of the earliest civilizations – an overview of where and when the first	Crime and Punishment A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066

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	<p>Workshop: Portals to the past?</p>	<p>civilizations appeared and a depth study of (Ancient Egypt)</p> <p>Trips/workshops: The British Museum? Portals to the past?</p>	
Geography	<p>Place Knowledge Understand geographical similarities and difference through a study of human and physical geography of region of the United Kingdom and a region in a European country.</p> <p>Geographical skills Use maps, atlases, globes and digital computer mapping to locate countries and describe features studied.</p> <p>Human and physical geography Describe and understand key aspects of physical geography, including climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes and the water cycle.</p> <p>Text: The Buffalo's Adventure</p>		<p>Location knowledge - Coasts Name and locate counties and cities of the U.K, geographical regions and their identifying human and physical characteristics, key topographical features and land use patterns. Understand how some of these aspects have changed over time.</p>

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DT	<p>Battery Operated Wooden Lifeboat Replica Paper Pyramid Weather Measuring Box [Rain &, Wind]</p> <p>Design</p> <ul style="list-style-type: none">· use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups· generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design <p>Make</p> <ul style="list-style-type: none">· select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]· accurately select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities <p>Evaluate</p> <ul style="list-style-type: none">· investigate and analyse a range of existing products· evaluate their ideas and products against their own design criteria and consider the views of others to improve· understand how key events and individuals in design and technology have helped shape the world <p>Technical knowledge</p> <ul style="list-style-type: none">· apply their understanding of how to strengthen, stiffen and reinforce more complex structures· understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]· understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors] apply their understanding of computing to program

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	<p>Farming Methods</p> <p>Seaside Ice-Creams</p> <p>Shellfish Dishes</p> <ul style="list-style-type: none">· understand and apply the principles of a healthy and varied diet· prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques· understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.
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<p>French</p>	<p>Months and birthdays Numbers 16-30 Family Simple personal descriptions (les yeux bleus, les cheveux noirs, roux, longs, raides, bouclés, courts) and size (petit, grand) Parts of the body Food</p>	<p>The negative Adjective agreements Giving opinions with reasons (parce que) Simple possessive adjectives (mon, ma mes) Expressing agreement and disagreement Third person singular (il a/est) Adjectives to give opinions (super, excellent, horrible, intéressant, bizarre)</p>	<p>Mr Gentil's day out story Monster story Goldilocks story Little red riding hood story Cinderella story</p>
<p>RE</p>	<p>Judaism How special is the relationship Jews have with God?</p> <p>Christianity What is the most significant part of the Nativity story for Christians today?</p>	<p>Judaism How important is it for Jewish people to do what God asks them to do?</p> <p>Christianity Is forgiveness always possible?</p>	<p>Judaism What is the best way for a Jew to show commitment to God?</p> <p>Christianity Do people need to go to church to show they are Christians?</p>
<p>Music</p>	<p>Wider Opportunities Pupils to have the opportunity to learn the violin Playing instruments with increasing accuracy, fluency and control Use and understand staff notation Singing together</p>	<p>Wider Opportunities Pupils to have the opportunity to learn the violin Playing instruments with increasing accuracy, fluency and control Use and understand staff notation Singing together</p>	<p>Wider Opportunities Pupils to have the opportunity to learn the violin Playing instruments with increasing accuracy, fluency and control Use and understand staff notation Singing together</p>
<p>PE</p>	<p>Futsal Passing (all techniques) Shooting (all techniques) Control (head, chest, thigh, feet)</p>	<p>Netball Passing / Dribbling / Shooting Team work/cohesion Game situations / Tactics</p>	<p>Football Passing (all techniques) Shooting (all techniques) Control (head, chest, thigh, feet)</p>

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	<p>Team work/cohesion Tactics Game Rules</p> <p>All learning points aim to assist in the FA schools league, national tournament events</p> <p>Tag Rugby Game Rules Passing backwards and to the side Tagging Positioning Team Work/Cohesion Tactics</p> <p>Fitness Name and function of muscles (heart, lungs) Healthy eating Skeletal structure Importance of exercise Partner work (motivational help) Learning points to assist in fitness tests</p> <p>Dodgeball Game rules Tactics Movement and agility Teamwork Throwing techniques</p>	<p>Footwork</p> <p>Tennis Game rules How to hold racket Serving Forehand / Backhand Movement / Tactics</p> <p>Gymnastics Create and perform fluent sequences on the floor and using apparatus Include variations in level, speed and direction in their sequences</p> <p>Dance Create and perform dances using a range of movement patterns, including those from different times, places and cultures Respond to a range of stimuli and accompaniment.</p>	<p>Heading / Dribbling Attacking / Defending Positioning / Game situations</p> <p>Team work/cohesion Goalkeeping Tactics / Game Rules</p> <p>Basketball Passing / Dribbling / Shooting Lay ups Movement / Positioning Team work/cohesion</p> <p>Softball Game rules Striking Fielding Tactics Team work/cohesion</p> <p>Athletics Sprints Relay races Throwing skills</p>
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<p>Art</p>	<p>DRAWING To create sketchbooks to record their observations and use them to review and revisit ideas To develop tone Identify and draw the effect of light (shadows) on a surface, on objects and people. Experiment with different media to create line, pattern, form and texture using pen, pencil, charcoal To improve their mastery of art and design techniques in drawing with a range of materials develop control of line and pattern through drawing with pencil and pen E.g. Rangoli patterns Shadow, line and tone still life drawings.</p>	<p>PAINTING To improve their mastery of art and design techniques in painting with a range of materials Mix and match colours to those in a work of art or to match a commercial colour chart. Work with one colour against a variety of backgrounds. To know about great artists in history. Evaluate and analyse creative works using the language of art, craft and design E.g. History - Geography links to Egyptian art - hieroglyphs</p>	<p>3D ART/ SCULPTURE To improve their mastery of art and design techniques in sculpture using a range of materials Plan, design and evaluate Manipulate clay into thumb pots, coil pots Make simple joins by manipulating modelling material To know about great designers in history. Evaluate and analyse creative works using the language of art, craft and design E.g. Henry Moore Clay</p>
<p>PSHE</p>	<p>Being me in my world. Celebrating differences.</p>	<p>Dreams and goals. Healthy Me.</p>	<p>Relationships. Changing me.</p>