



Year 6 Curriculum

Map 2019/2020

	Autumn	Spring	Summer
English	<p>Spelling, punctuation and grammar Comprehension Poetry - City Jungle - explore language features (similes, personification and metaphors) to create an atmospheric setting Recount/persuasion - London trip (History Museum, Rainforest Café, Matilda the musical, river cruise, London Eye and TATE Britain Drama - Year group assembly performance Wonder book study - character description school setting, story extract of tour around new school (include speech/personification of setting and character thoughts and feelings) Christmas performance</p>	<p>Spelling, punctuation and grammar Comprehension Continuation of Wonder book study Non-Fiction - non-chronological reports giants/mythical creatures - comprehension focus Fiction - Reading a range of Greek Myths (part comprehension focus) and Legend stories Writing a Greek Myth and Legend P4C debate, discussion and comprehension focus Dance Performance personal recount Non-fiction instruction analysis - Greek cooking day Writing a recipe from the cooking day</p>	<p>Spelling, punctuation and grammar Comprehension SATs Assessments Fiction, play-scripts – Macbeth - description creating atmosphere and mood, who is responsible for King Duncan's death? Autobiography - Memories of Whinney Banks Primary School The Piano text Roald Dahl - going solo Memories of school trips and experiences</p>
Maths	<p>Every Monday weekly arithmetic assessments 20 marks building up to 40 marks papers Area, perimeter of quadrilaterals & triangles and compound shapes (including missing dimensions) Number and place value Counting Comparing numbers To 1,000,000 Identifying, representing and estimating Reading and writing numbers Understanding place value Negative numbers Rounding To nearest T, H, TH, TTH, HTH</p>	<p>Times tables, prime numbers, square numbers Weekly arithmetic assessments Pre and post learning test for each individual topic Practice SATs arithmetic, reasoning A and reasoning B papers Number place value Counting Comparing numbers To 1,000,000 To 3 decimal places Identifying, representing and estimating Reading and writing numbers Roman numerals to 1000 Understanding place value</p>	<p>Times tables, prime numbers, square numbers Weekly arithmetic assessments Pre and post learning test for each individual topic Practice SATs arithmetic, reasoning A and reasoning B papers Number place value Counting Forwards and backwards from any given number in steps of any given amount Comparing numbers Identifying, representing and estimating Reading and writing numbers Interpret numbers written in Roman Numerals Roman Numerals to 10,000 Understanding place value Rounding</p>

	<p>Problem solving Times tables, prime numbers, square numbers Number addition and subtraction Number bonds, mental calculation Problem solving Number multiplication and division Multiplication and division facts Mental calculation Written calculation Standard written methods Properties of numbers - multiples, factors, primes, square numbers Inverse operations, estimating and checking answers Problem solving Fractions Counting in fractional steps Recognising fractions Comparing fractions Comparing decimals Equivalence (including fractions, decimals and percentages) Problem solving Measurement - Comparing and estimating Converting</p>	<p>Rounding To whole number To 1 and 2 decimal places Problem solving Money and measures Number addition and subtraction Number bonds Mental calculation Written methods Column addition including decimals Decomposition including decimals Inverse operations, estimating and checking answers Rounding for estimation Problem solving Number multiplication and division Properties of numbers: multiples, factors, primes, square and cube numbers Prime numbers to 100 Inverse operations, estimating and checking answers Algebra - equations and expressions Fractions - counting in fractional steps Recognising fractions Comparing fractions Common denominators Comparing decimals Rounding including decimals Equivalence (including fractions, decimals and percentages) Addition and subtractions of fractions Geometry - identifying shapes and their properties Drawing and constructing Comparing and classifying Angles Measurement - comparing and estimating Ratio and proportion - links with fractions/multiplication and division</p>	<p>Number addition and subtraction Mental calculation Written methods Inverse operations, estimating and checking answers Rounding for estimation Inverse to check results Problem solving Algebra – equations, formulae, sequences Fraction - equivalence (including fractions, decimals and percentages) Addition and subtractions of fractions Multiplication and division of fractions</p> <p>Geometry - position, direction and movement Measurement - measuring and calculating Perimeter, area and volume Telling the time Statistics - interpreting, constructing and presenting data Solving problems</p>
<p>Science</p>	<p>Materials Mixing/separating Reversible/irreversible changes</p>	<p>Forces - spinners/parachutes/Newton meters Friction Magnets</p>	<p>Life processes and living things Skeleton/organs Pulse rate</p>

	<p>Soluble/insoluble Dissolving Heating/cooling</p> <p>Changing circuits Circuit diagrams Investigating circuits Insulators/conductors Open investigations</p>	<p>Testing strength Light – shadows, transparent/translucent/opaque, properties of light Sound – vibration, instruments, pitch, open investigations</p>	<p>Habitats Classification and keys Plants and flowers Understanding the implications of science Open investigations</p>
History	<p>Ancient Greece – Life in Ancient Greece Significant Ancient Greek figures Theatre Olympics Spartans and Athenians Democracy Myths and legends Food and drink</p>		
RE		<p>Buddhism Buddhism specialist visitor Life as a Buddhist - philosophies & beliefs Where happiness comes from Faith Prayers and shrines Symbols 4 noble truths Ceremonies Karma and consequences Reincarnation Compare/contrast to other religions including Christianity</p>	
Geography	<p>Revision of continents and oceans Locate the UK Mapping skills/using an Atlas Europe knowledge (capitals, location, physical and human geography) N & S America knowledge (capitals, location, physical & human geography)</p>		<p>Understanding the impact of the River Tees Identifying the source, mouth and explaining the route it takes in relation to where we live. How does the availability of clean water impact on human life? Route of River Tees 3 day trip</p>

Art			Visit to Tate Britain (Autumn term) Exploration of artists work London observational drawing- materials, tassels and fabric Complimentary colours Textures/colours Claywork- imprint, texture and material
DT	Moving models Inventors and innovators Evaluating and exploring moving models Planning and designing moving models Wood technology skills Making and modifying Decoration Evaluating models made Food Technology Research Greek cuisine Plan, design, create and evaluate a Greek banquet		
Music		Singing Christmas production Performance	Un-tuned drumming and percussion linked to Macbeth Music appreciation Soundscapes Notation, composition and performance of rhythms Battle of the bands Showcase of skills (tuned and untuned) capitalising on keys skills of individuals Glockenspiels, keyboards, ukulele & various percussion accompaniment Music appreciation Singing/composition/performance of a piece of music to use within the end of year assembly
French	Revision/consolidation Greetings Creating dialogue Alphabet/spelling name Numbers multiples of 10 up to 100 School/other places On the way to school Directions Places Countries		French Food Food and drink Trying French food Café role play- Ordering food Traditional dishes - culture Songs and games Showcase of skills Revision all vocabulary covered across school. Use vocabulary to create a personalised knowledge web, which will showcase their understanding
Computing	E-Safety		E-Safety Coding

	<p>Formatting text Attaching and sending photos Entering text into cells Formatting cells Creating graphs Copying graphs to other programs Creating formulae Resizing text and cells</p> <p>WWW – creating curriculum based webpages/PowerPoint presentation on Ancient Greece (PowerPoint) - understand computer networks including the internet; how they can provide multiple services, such as the world-wide web and the opportunities they offer for communication and collaboration Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content</p> <p>Excel: Spreadsheets Formulas</p>		<p>Media (Serif Web) Linked to Show Racism the Red Card unit of work Digital imaging- taking photos and videos Importing images and film Editing and embedding transitions</p>		<p>Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller part Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs</p>	
PE	Tag Rugby	Indoor athletics Fitness training	Gymnastics	Dance performance- Urban Kaos	Outdoor Athletics/Fitness Training	Rounders/Cricket (competitive)
PSHE	Rules E-safety Emotional health and well-being SRE (sex and religious education)		Mr D Foster - Step Up Together SRTRC Drugs E-safety		FCEW- Game Of Actual Life (Simon Carson) E-safety Transition	