WHINNEY BANKS PRIMARY

	Autumn	Spring	Summer
English	Spelling, punctuation and grammar Poetry - City Jungle Explore language features (similes, personification and metaphors) to create an atmospheric setting Recount - London trip (History Museum, Rainforest Café, Matilda the musical, river cruise, London Eye, Buckingham Palace and TATE Britain) Wonder book study Character description School setting Story extract of tour around new school: include speech/personification of setting and character thoughts and feelings Discussion piece: P4C (Precepts) 3mark comprehension answers Whole school story piece of writing Reading Homework: fiction - Matilda Michael Morpurgo: Coming Home Poetry inspired by Christini Rosetti: Weathers Analysis of language features and children creating their own based on a weather style	Spelling, punctuation and grammar Continuation of Wonder book study Drama - year group assembly performance Fiction, play-scripts - Macbeth Description creating atmosphere and mood Who is responsible for King Duncan's death? P4C debate, discussion and comprehension focus The Jabberwocky poem Non-fiction - non-chronological reports - giants/mythical creatures Comprehension focus Alien independent non- chronological report Dance performance personal recount SATs assessments	Spelling, punctuation and grammar SATs assessments Non-fiction instruction analysis Mexican cooking day Writing a recipe from the cooking day Fiction: reading a range of Greek Myths and lege stories Writing a Greek Myth and Legend Autobiography - memories of Whinney Banks Primary School The Piano text. Roald Dahl - going solo. Memori of school trips and experiences
Maths	Times tables, prime numbers, square numbers Weekly arithmetic assessments	Times tables, prime numbers, square numbers Weekly arithmetic assessments Pre and post learning test for each individual topic	Times tables, prime numbers, square numbers Weekly arithmetic assessments Pre and post learning test for each individual top

Pre and post learning test for each individual topic

Number and place value
Counting
Comparing numbers
To 1,000,000
Identifying, representing and estimating
Reading and writing numbers
Roman numerals to 100
Understanding place value
Negative numbers
Rounding
To nearest T, H, TH, TTH, HTH
Problem solving
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

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
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

Practice SATs arithmetic, reasoning A and reason B papers

Number place value
Counting
Forwards and backwards from any given number 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

Number addition and subtraction -
Mental calculation
Written methods
Inverse operations, estimating and checking answ
Rounding for estimation
Inverse to check results
Problem solving
Algebra – equations, formulae, sequences
Fraction - equivalence (including fractions, decin and percentages)
Addition and subtractions of fractions
Multiplication and division of fractions

Geometry - position, direction and movement
Measurement - measuring and calculating
Perimeter, area and volume
Telling the time
Statistics - interpreting, constructing and present data
Solving problems

		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	
Science	**Materials** Mixing/separating Reversible/irreversible changes Soluble/insoluble Dissolving Heating/cooling Changing circuits - circuit diagrams, investigating circuits, insulators/conductors Open investigations	**Forces** Spinners/parachutes/Newton meters Friction Magnets Testing strength Light – shadows, transparent/translucent/opaque, p properties of light Sound – vibration, instruments, pitch Open investigations	**Life processes and living things** Skeleton/organs Pulse rate Habitats Classification and keys Plants and flowers Understanding the implications of science Open investigations
History	Half term on ancient Egypt – Who killed Tutankhamun enquiry Tempus Fugit visitor Half term on ancient Greece – life as an Ancient Greek Tempus Fugit visitor		
RE		**Buddhism** Dragdon visit – Buddhism Centre, Darlington Compare/contrast to previous learning on Christianity	
Geography			**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 human life? Route of River Tees 3 day trip
Art			Observational drawing - materials, tassels and fabric Complimentary colours Twombly - line work Textures/colours Claywork- imprint, texture and material. Visit to Tate Modern, London
DT	**Moving models** Food Technology - plan, design, create and evaluate a mexican meal		

Music		Christmas production singing		Un-tuned drumming and percussion		Tuned percussion linked to river journeys Composing a pi of music to be u within the end of year assembly
French	**Revision/consolidation** Greetings Creating dialogue Food Traditional dishes - Culture Names of food and drinks Ordering food Songs and games **French Food:** café role play, trying french food, creating a french menu, investigating french culture with food		**School/other places** On the way to school Directions Places Countries Numbers 70 to 80 Link to Beebots giving directions in french for a partner		**Hobbies** Numbers – 100 Synthesis of french learning	
Computing	**E-Safety** **Email** 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 **WWW – creating curriculum based webpages** on ancient Egypt/ancient Greece: Serif Web Plus - 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		**E-Safety** **Media** Digital imaging - taking photos, editing photos Merging photos and text linked to SRTRC unit of work		**Coding** Design, write and debug programs that accompli specific goals, including controlling or simulating physical systems; solve problems by decomposir them into smaller part Use logical reasoning to explain how some simpl algorithms work and to detect and correct errors algorithms and programs	

are selected and ranked, and be discerning in evaluating digital content

Excel
Party planning activity; linked to Christmas

PE	Tag Rugby	Indoor athletics	Gymnastics (8 weeks)	Dance performance- Urban Kaos	Basketball	Outdoor athlet Sports Week
PSHE	Rules E-safety Emotional health and well-being SRE		David Foster - Step Up Together SRTRC Drugs E-safety		FCEW- Game Of Actual Life (Simon Carson) E-safety Transition	