Year 6 Curriculum Map 2020/2021

	Autumn (15 weeks – 8+7)	Spring (11 weeks – 6+5)	Summer (14 weeks – 7 + 7)
English	**Regular Assessment and Revision of Basic Skills** Spelling, punctuation and grammar Sentence level work Comprehension Reading for pleasure – whole books **Recount – Lockdown** **Fiction** - **Wonder book study – August** Character description, school setting, story extract of tour around new school (include speech/personification of setting and character thoughts and feelings). **Poetry** – **City Jungle, The City, Wonder Lyrics/Song by Natalie, Playgrounds by Berlie Doherty** Explore language features (similes, personification and metaphors) to create an atmospheric setting (sentence types)	**Regular Assessment and Revision of Basic Skills** Spelling, punctuation and grammar Sentence level work Comprehension Reading for pleasure – whole books **Non-chronological reports Myths and Legends - mythical creatures** **Fiction - Myths and Legends** Writing a Greek Myth and Legend **(March) Persuasion** – **London Trip** History Museum, Rainforest Café, Matilda the musical, river cruise, London Eye and TATE Britain **Recipes/Instructions** Greek cooking day Writing a recipe from the cooking day	**Regular Assessment and Revision of Basic Skills** Spelling, punctuation and grammar Sentence level work Comprehension Reading for pleasure – whole books **Comprehension Focus – extracts from different genres** **SATs Assessments** **Fiction/Play-Scripts** – **Macbeth** - Description creating atmosphere and mood **Debate -** Who is truly responsible for King Duncan's death? **Autobiography - Memories of Whinney Banks Primary School.** The Piano. Roald Dahl - going solo. Memories of school trips and experiences e.g. London recount, dance performance etc.
Maths	**Regular Recap Of Basic Skills Throughout The Year** Third Space learning to recap/practise calculation Booster/catch up opportunities where required	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	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

	Every Monday weekly arithmetic assessments 20 marks building up to 40 marks papers Area, perimeter of quadrilaterals and 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 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	**Number and 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	**Number and 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 **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 **Geometry - Position, Direction and Movement** Measurement - measuring and calculating Perimeter, area and volume Telling the time Statistics - interpreting, constructing and presenting data Solving problems

	Comparing decimals Equivalence (including fractions, decimals and percentages) Problem solving Measurement - Comparing and estimating Converting	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	
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, 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		**Ancient Greece – Life in Ancient Greece** Handling and researching Greek artefacts Tempus Fugit visitor/trip to Durham university museum (to be confirmed) Theatre Food and drink Olympics Spartans and Athenians Democracy Myths and legends Gods & Goddess	
RE	**Buddhism**	**Durham Cathedral visit (to be confirmed)**	

	Research and learn about Buddhism faith, beliefs and practises Expert visitor (Buddhist Monk) Compare/contrast to previous Religious learning	Tour of the cathedral and experience a Christian place of worship Identify significant areas/artefacts within the cathedral and discuss practices Compare and contrast to Buddhism	
Geography	**World knowledge** Locate the UK, Europe, North and South America on the world map Describe where places are using directional vocabulary Research capital cities and languages spoken in different countries Identify physical & human geographical features- locate them on a map Research and plot major rivers and mountain ranges		**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 (to be confirmed)
Art		**Art appreciation** Revision of main elements of art Study of a variety of art pieces and artists **Drawing, Colour, Paint/Texture & Clay** Observational drawing- paper, materials, tassels and fabric Complimentary colours Textures/colours Clay work- imprint, texture and material Visit to Tate Britain, London (to be confirmed)	
DT	**Inventors & Innovators** Research and learn about inventors and innovators **Moving Models (Wood)** Research, evaluate, design and make a motorised wooden model **Food Technology- Greek Day** Research and learn about Greek cuisine Learn about sources and processes of foods Plan, design and cook a Greek banquet		

	Taste and evaluate Greek food					
Music		**Music Appreciation** Listen and respond to of variety of styles and genres of music Identify their places in history **Tuned Percussion** Practise, play and perform given music Improvise and compose own pieces using informal and informal notation Theme- Inner beauty and appreciation		**Music Appreciation** Listen and respond to of variety of styles and genres of music Identify their places in history **Untuned Percussion** Practise, play and perform given music Improvise and compose own pieces using informal and informal notation Theme- atmospheric music, based on Macbeth		**Singing** Learn songs and improve skills and technique Develop musical terminology and respond to direction given to improve performance
French	**Revision/Consolidation of Previous Years** Greetings Creating dialogue **School/other places** Numbers Multiples of 10 to 100 On the way to school Directions Places Countries		**French Food** Café role play, trying French food, creating a French menu, investigating French culture with food Traditional dishes - culture Names of food and drinks Ordering food Songs and games		**Showcase of French Skills** Revision, practise and performance of all French learnt.	
Computing	**E-Safety**		**E-Safety** **Media**		**Coding**	

	Purple Mash / Ed Shed/ Home Learning Platforms **Email** Formatting text Attaching and sending photos **WWW – creating curriculum-based webpages on Geography/Buddhism** 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 are selected and ranked, and be discerning in evaluating digital content **Excel** Entering text into cells Formatting cells Creating graphs Copying graphs to other programs Creating formulae Resizing text and cells Party planning activity linked to Christmas		Digital imaging- taking photos, editing photos – Merging photos and text linked to SRTRC unit of work		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	
PE	Tag Rugby	Athletics/ Fitness Training	Gymnastics	Dance performance	Outdoor Athletics/Fitness Training	Rounders/Cricket (competitive)
PSHE	Rules E-safety Emotional health and well-being Sex and religious education (SRE)		Mr D Foster – Step-Up Together SRTRC Drugs E-safety		FCEW- Game of Actual Life (Simon Carson) E-safety Transition	