Year 6 Curriculum Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	Text- Macbeth Exploring key themes in the play e.g. the balance of power. Exploring and analysing language within the text. First person writing- diary writing. Letter writing Playscripts Narrative writing planning, drafting, writing, editing and reviewing writing.	Poetry Exploring poetic devices Writing and performing own poems Researching America to write own non-chronological report on America including information on states and trees and plants. Narrative writing- Text: The Giant's necklace writing in role and empathy letters.	Mystery stories Poetry Persuasion Biography Contemporary fiction Poetry Persuasion Formal/Informal Kensuke's Kingdom – Instructions, descriptions, adverts, diaries	Reading strategies Argument/Discussion Historical figures Explanatory texts Argument/Discussion Narrative Writing Explanatory texts	Non fiction texts – heroes Persuasion Reading strategies Narrative Scott of the Antarctic – letters, instructions Super heroes – Instructions, descriptions, letters	Contemporary fiction – letters, diary
Reading Scheme	Bug Club Rigby Star	Bug Club Rigby Star	Bug Club Rigby Star	Bug Club Rigby Star	Bug Club Rigby Star	Bug Club Rigby Star
Maths	Place Value Read, write, order and compare numbers up to 10, 000, 000 and determine the value of each digit. Understand the pace value of large numbers and decimals-IAF Number: addition and subtraction Use mental calculations using mixed operations and large numbers. Solve multi- step problems, explain method used. Add and subtract decimals, add and subtract fractions with different denominators. Multiplication and division Multiply and divide multi-digit numbers up to 4 by a two digit whole number using the formal written method of long and short multiplication and division. Fractions and percentages Recognise the relationships between fractions, decimals and percentages and express them as equivalent quantities. Compare and order fractions including mixed fractions. Use	Geometry properties of shape; properties of 2D shapes, Compare and classify geometric shapes based on their properties and sizes. Draw 2D shapes (using given dimensions and angles) Describe positions on the full coordinate grid (all four quadrants) Draw and translate simple shapes on the coordinate plane, and reflect them in the axes. Solve problems using co-ordinates (using properties of shape) Illustrate and name parts of circles including radius, diameter and circumference and no that the diameter is twice the radius. Measurement Recognise that shapes with the same areas have different perimeters and vice versa. Recap and calculate area (including formulae: A=LxW)	Place value x/÷ by 10,100,1000 Positive and negative numbers multiplication facts percentages - including out of calculations Multiplication/division of decimals calculator skills Reasoning and pattern finding Factorising Multiplication and division strategies including decimals Mental calculation strategies Problem solving Currency conversion (ratio/proportion) Area and perimeter: squares, rectangles, circles, triangles, trapeziums (inc. formula use) Fractions: Conversion, ordering, Fractions and 4 operations	2D shapes: rotation, reflection and enlargement Data handling; Line graphs, pie charts: reading and drawing Data handling: Scatter graphs; Comparison graphs Area/volume of a range of shapes and formula Probability Inverse operations Using and applying maths Problem solving Fibonacci number sequence and investigations Data handling - Carroll diagrams; logic problems linear equations, linear graphs Prime numbers Pascal's triangles and investigations Fraction decimal and percentage calculations Percentage increase/finding the whole	Algebra Area and perimeter Ratio and proportion reading scales Fractions; conversion, comparing and calculating Data handling - Pie charts Algebra - writing equations Number skills- 4 operations Problem solving 2D shape investigating properties Investigating coding cipher challenge work Logic problems/puzzles Investigating coding cipher challenge work Logic problems/puzzles	Mathematics curriculum to be determined by child created creative curriculum

	common factors to simplify fractions. Divide fractions by whole numbers.	Calculate volume (including formulae V=LxWxH) Estimate and compare volume of cubes and cuboids. Calculate the area of parallelograms and triangles Use mathematical reasoning to find missing angles- Use read, write and convert measure standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit and vice versa, using decimal notation to up to three places. Convert between miles to kilometres Algebra Use simple formulae. Substitute values into simple formula to solve problems Statistics Graph and table reading - including venn diagrams, carroll diagrams, bar graphs Interpret and construct pie charts and line graphs and use these to solve problems. Calculate average data (mean, median, mode) Find the mean as an average. Ratio and proportion	Ratio and proportion – scaling 2D shape - angles reading, drawing, calculating missing angles using properties of polygons 3D shape: properties, nets, reasoning, logic Calculating volume; cuboids and cylinders	Angle and properties of shape Angles and parallel lines Circle theory and problem solving Probability		
Science	Living Things and their habitats Animals including humans	Evolution and Inheritance	Light	Electricity	Creative curriculum	
Computing	Dt/ICT - programming Scratch – designing a moving object	Spreadsheets - Excel	2 Create Stop motion animation	Multimedia presentations	HTML – webpage design App production	HTML – webpage design 3d modelling
History	.		A study of an aspect or theme in British history Barnado/Child labour Victorian			Changes in Britain from the Stone Age to the Iron Age
Geography	What's in the news? With study of volcanic regions of North and South America Volcanoes/Earthquakes/Mountains	SPS America – Obama – USA Vegetation belts/time zones Major cities and topographical features Land				

	Volcanoes/Earthquakes/Mountains 4/6 figure grid references	use/ economic/industry/natural resources Digital Mapping				
Art	Printing Islamic Art – Geometric printing Jameel – international award inspired by Islamic tradition	Sculpture/Clay Southampton sculpture	Art Appreciation - artist study	Drawing/Painting Perspective		Creative Curriculum
DT	DT/ICT – Scratch	Controllable vehicles/Fairground rides	Structures			
RE	**Umma (community)** 5 Pillars of Islam	**Interpretation** Birth Narratives	**Creation stories** Christian and Islamic	**Salvation** Christian story	SATS	Creative Curriculum
PSHE	Responsibilities	Economics	Dealing with worry	Dealing with worry		Transition
PE and Games	Tennis Gymnastics	Football Dances through the Century	Rugby Rhythmic Gymnastics	Netball Real PE 1	Cricket/Rounders Real PE 2	Athletics Real PE 3
Music	Loops	Cyclic patterns	Composition	Rounds	Creative curriculum	
MFL French	Our school (places, lessons and telling the time)	The world around us (Continents, weather, landscapes -Africa)	Then and now (Places in a town, past & present, describing clothes & appearance)	Out and about (Fairground, cinema, 24hr clock, asking questions)	Create a café (new food, drink, snacks, menus roleplay)	What's in the news? (newspapers TV guide), opinions,