

LAYGATE COMMUNITY SCHOOL
YEARLY OVERVIEW
Year 6

	Autumn Term		Spring Term		Summer Term	
	1 st Half	2 nd Half	1 st Half	2 nd Half	1 st Half	2 nd Half
English	Fiction Author focus/stories set in other cultures ‘Mysterious Traveller’ by Mal Peet & Elspeth Graham Non-Fiction - Biographies & Autobiographies ‘Walter Tull’s Scrapbook’ Michaela Morgan Poetry Rhyme, rhythm & patterned language ‘Where the poppies Now Grow’ Hilary Robinson The Power of Imagery ‘The Christmas Truce’ Carol Ann Duffy Christmas Text ‘A Christmas Carol’		Fiction – Modern classic ‘Skellig’ by David Almond Non-Fiction - Balanced arguments Fairytale Situations Poetry- Poems on a theme/imagery ‘The Sea’ by James Reeves ‘Sea Fever’ by John Masefield		Fiction ‘Kensuke’s Kingdom’ by Michael Morpurgo Non-Fiction - Non-chronological reports/hybrid instructional & persuasive text ‘Dragons’ Poetry - Narrative Poem ‘Highwayman’ by Alfred Noyes	
Maths	Basic Skills Number Sense (Read and interpret larger numbers, multiply/divide by 10/100/1000, round numbers, order whole and decimal numbers, read, write and convert between standard units, converting measurements of length, solve number and practical problems that involve place value skills) Additive Reasoning (Perform mental calculations, use estimation to check answers to calculations, use formal methods to add/subtract larger numbers, use number facts to add/subtract, consolidate addition and subtraction of decimals, use simple formula, interpret line graphs/pie charts) Multiplicative Reasoning (Identify common factors, common multiples and prime numbers, use formal methods to multiply/divide up to 4 digits, calculate percentages, use simple formula, describe linear sequences) Geometric Reasoning (Draw 2D shapes, build 3D shapes, compare and classify shapes, calculate area/perimeter of compound shapes/triangles/parallelograms, recognise that shapes with the same areas can have different perimeters and vice versa)		Basic Skills Number Sense (Order and compare numbers, convert between standard units of measure, solving problems including adding and subtracting, use common factors to simplify fractions, convert a % to an equivalent fraction) Additive Reasoning (Perform mental calculations, add and subtract fractions with different denominators and mixed numbers, divide/multiply proper fractions by whole numbers, solve multi-step problems in contexts, interpret and construct pie charts/ line graphs) Multiplicative Reasoning (Use formal methods to multiple/divide, use knowledge of written +, -, x, ÷ to solve problems, identify common factors/multiples/prime numbers, identify the ratio and proportion of quantities, solve scale factor problems, use simple formula and generate linear sequences) Geometric Reasoning (Plot and label shapes in 4 quadrants, translate and reflect shapes, recognize, describe and build 3D shapes, calculate the area of triangles and parallelograms, calculate the volume of cubes and cuboids)		Basic Skills Number Sense (Order/compare numbers to 10,000,000, round with accuracy, use negative numbers, identify the value of each digit in numbers given to 3 decimal places & multiply and divide numbers by 10/100/000, simplify/compare/order fractions, convert between miles & kilometres) Additive Reasoning (Use knowledge of the order of operations to carry out calculations involving the 4 operations, solve multi-step problems in contexts, use estimation to check answers, add & subtract fractions with different denominators & mixed numbers, find pairs of numbers that satisfy an equation, calculate & interpret mean as an average) Multiplicative Reasoning (Multiply/divide multi-digit numbers using formal methods, multiply/divide simple pairs of proper fractions, writing the answer in its simplest form, solve problems involving the relative sizes of two quantities, solve problems involving unequal sharing & grouping, solve problems involving the calculation and conversion of units of measure) Geometric Reasoning (Compare/classify geometric shapes, illustrate & name parts of circles, find missing angles, recognise when it is necessary to use the formulae for area & volume of shapes, solve problems involving similar shapes where the scale factor is known or can be found)	

Science	The Human Circulatory system	Changing Circuits	Why we group and classify living things	Evolution and inheritance	Light and how it travels	
Computing	OAK ACADEMY	OAK ACADEMY	OAK ACADEMY	OAK ACADEMY	OAK ACADEMY	OAK ACADEMY
	Computing Systems and Networks Communication & The Internet	Creating Media (3D Modelling) Tinkercad Ice Palaces	Programming A Using variables in Programming to Develop a Game - Pictoblox	Creating Media Web Page Creation	Data & Information Introduction to Spreadsheets	Programming B Sensing Movement with Physical Computing – Microbit Unit
History	WW1 (link to local study & in S. Shields – John Simpson Kirkpatrick)			Ancient Greece (Greek life, achievements and influence on the Western World)		
Geography	Fairtrade/UK Trade Links/Farming			Rivers & Water Cycle/River Study e.g. Tyne (OS Maps to 6 figure grid references)		
Art	Painting/drawing Landscape/Poppy fields			Sculpture Greek vases and soap sculpture		
D&T	Healthy Nutrition Bars Food Technology			Construction Bridges		
	N.B. Y6 will access nutrition & cooking skills during Healthy Eating Week/PSHE					
PSHE	HEALTH AND WELLBEING What affects mental health and how do we take care of it?	HEALTH AND WELLBEING How can we keep healthy as we grow?	RELATIONSIPS What will change as we become more independent? (School Nurse)	LIVING IN THE WIDER WORLD How can we stay safe online?		LIVING IN THE WIDER WORLD How can the media influence people?
RE	What can we learn about religious diversity in our area? What can we find out about a local Muslim community?	What do the gospels tell us about the birth of Jesus?	How and why do people care about the environment?	Why are Good Friday and Easter Day the most important days for Christians?	So, what do we now know about Christianity? (exploration through the concepts) Statutory Bridging Unit	
Music	Ukulele	Ukulele	Charanga Music and Technology	Charanga Developing Ensemble Skills	Charanga Creative Composition	Charanga Improvising with Confidence
PE	Swimming Daily Mile/In class exercises		Netball Daily Mile/In class exercises	Dance ‘Festival of colours’ Daily Mile/In class exercises	REAL PE Choose unit following assessment Daily Mile/In class exercises	REAL Gym Unit 2 Daily Mile/In class exercises
	PE NC: ‘take part in outdoor and adventurous activity challenges both individually and within a team’ Orienteering & Adventurous Activity					
French	Unit 10 ‘Les Vetements’			Unit 11 ‘J’habite’		