

LAYGATE COMMUNITY SCHOOL
YEARLY OVERVIEW
Year 5

	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 – stories set in other cultures ‘Cloud Tea Monkeys’ by Mal Peet & Elspeth Graham Non-fiction - Explanations ‘How did Dragons/Dinosaurs become extinct?’ Poetry - Structured Poems ‘If Not for The Cat’ & ‘Won Ton – A Cat Tale Told in Haiku’ by Jack Prelutsky Christmas Text ‘Coming Home’ Michael Morpurgo		Fiction ‘When Jessie Came Across the Sea’ by Amy Hest Non-fiction - Non-chronological reports ‘Everest’ by Sangma Francis & Lisk Feng Mountains & Volcanoes Poetry Anthology ‘All the Wild Wonders – Poems of Our Earth’ edited by Wendy Cooling		Fiction ‘Lights on Cotton Rock’ by David Litchfield Non-fiction - Recount, Diaries & Newspaper Reports ‘Henry’s Freedom Box’ by Ellen Levine & ‘Box – Henry Brown Mails Himself to Freedom’ by Carole Boston Weatherford Poetry - Anthology/collection Animal Poems by Ted Hughes ‘The Bat’, ‘Moose’, ‘The Arctic Fox’, ‘Wolf’ & ‘The Grizzly Bear’	
Maths	Basic Skills Number Sense (Place value, comparing, rounding and estimating with 5-digit numbers) Additive Reasoning (Review of mental +/- e.g. forwards jump, partitioning & expanded partitioning, triple quad jump. +/- using formal written methods with more than 4-digit numbers, multi-step problem solving inc. rounding & inverse to check and estimate, discrete data e.g. pictograms & bar charts) Multiplicative Reasoning (Times tables & related ÷ facts, grid & partitioning to x & grouping grid/ chunking up to ÷ with up to 4-digits by a one-digit number) Geometric Reasoning (Identifying, draw, estimate & compare acute, obtuse and reflex angles. Investigate properties of rectangles & distinguish between regular and irregular polygons)		Basic Skills Number Sense (Interpreting negative numbers in context & using place value, counting and rounding for solving problems including +/- . Reading Roman numerals to 1000 (M) & recognising years written in Roman numerals) Additive Reasoning (Solve +/- problems in different context, appropriately choosing and using number facts, understanding of place value, mental and written methods. Solve problems inc. numbers up to three decimal places & measure and calculate the perimeter) Number Sense (Compare and order fractions whose denominators are all multiples of the same number. Recognise mixed numbers and improper fractions & covert from one form to the other. Represent and explain the relationship between decimals, fractions and percentages) Multiplicative Reasoning (Know and use the vocabulary of prime numbers, prime factors and composite numbers. Recognise and use square numbers, cube numbers and the notations for squared (²) and cubed (³). Understand and explain the relationship between x, ÷, fractions and % and derive facts from their understanding to solve problems) Geometric Reasoning (Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language)		Basic Skills Number Sense (Convert between different units of measure, using how to x/÷ by 10, 100 and 1000. Solve number and practical problems that involve counting (inc. fractions), place value and rounding) Additive Reasoning (+/- fractions with the same denominator and denominators that are multiples of the same number. Solve +/- problems (inc. fractions) in different contexts, appropriately choosing and using number facts, place value, mental and written methods) Number Sense (Represent and explain the relationship between decimals, fractions and percentages and how decimals and fractions fit into the number system) Multiplicative Reasoning (x numbers up to 4-digits by one or two-digit number using a formal written methods including long multiplication for two-digit numbers. Solve problems involving x/÷ in different context. Explain their decision making and justifying their solutions) Geometric Reasoning (Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres. Calculate and compare the area rectangles and inc. using standard units (cm² and m²) & estimate the area of irregular shapes. Estimate volume & capacity)	

Science	Out of this world Our Solar System Meet the scientists	Material World Sorting and grouping materials Solutions and mixtures	Circle of Life Making new plants Animal life cycles Babies and offspring	Let's Get Moving Forces of nature friction What are simple machines?	Growing Up and Growing Old From baby to old age Growing up Growing old	Amazing Changes Getting a reaction Real-world reactions
Computing	Digital Literacy E-Safety, Digital Citizens and Social Media Restrictions	Computer Science Coding		Basic Skills Flat-file Databases	Information Technology Computer Networks Sharing Information	Information Technology Multimedia Radio Stars
History	What was life like for the Victorians in our local area?		So you think you know about Ancient Egypt?		What can we Learn about Early Islamic Civilisations? (Study of a contrasting non-European Culture)	
Geography	Mountain & Volcanoes			Study of North America		
Art	Collage New York/ City Skylines (sketching, collage & perspective)			Painting/ Sculpture Mountains (Model of mountain ranges – papier-mâché)		
D&T	Electrical Systems Fairground Rides			Textiles Tie-Dye Cushion Covers		
	N.B. Y5 will access nutrition & cooking skills during Healthy Eating Week/PSHE					
PSHE	HEALTH AND WELLBEING What makes up a person's identity?	RELATIONSHIPS How can friends communicate safely?	Living in the Wider World What are our rights, freedoms and responsibilities? How is information on line targeted?	Living in the Wider World What decisions can people make with money? AND What jobs would we like?	HEALTH AND WELLBEING How will we grow and change?	HEALTH AND WELLBEING How can drugs common to everyday life affect health?
RE	What do Sikhs believe? Why do Sikhs go to Gurdwara?	What are the themes of Christmas?	What do Christians believe about God?	Why is the Last Supper so important to Christians?	How do Sikhs show commitment and belonging?	Why do people use rituals today?
Music	Charanga Melody and harmony in Music	Charanga Sing and Play in Different Styles	Ukulele	Ukulele	Charanga Composing and Chords	Charanga Battle of the bands
PE	Dance 'The Olympic Games' Daily Mile/In class exercises	REAL GYM Unit 1 Daily Mile/In class exercises	Swimming Daily Mile/In class exercises		REAL PE Choose unit following assessment Daily Mile/In class exercises	Netball Daily Mile/In class exercises
French	Unit 7 'Mon ecole et moi'		Unit 8 'A Manger et a Boire'		Unit 9 'Les Sports'	