LAYGATE COMMUNITY SCHOOL
YEARLY OVERVIEW
Year 5

	Autumn Term		Spring Term		Summer Term	
	1st Half	2nd Half	1st Half	2nd Half	1st Half	2nd Half
English	**Fiction – stories set in other cultures** 'When Jessie Came Across the Sea' by Amy Hest **Non-fiction - Explanations** 'Wallace and Gromit Cracking Contracptions Manual' by Derek Smith **Poetry - Structured Poems** 'If Not for The Cat' & 'Won Ton – A Cat Tale Told in Haiku' by Jack Prelutsky **Christmas Text** 'Girl & the Fox' Animation		**Fiction** 'Cloud Tea Monkeys' by Mal Peet & Elspeth Graham **Non-fiction - Non-chronological reports** Volcanoes & Mountains **Poetry - Poems on a theme** 'maggie and milly and molly and may' by e.e. cummings 'Beachcomber' by George Mackay Brown		**Fiction** 'The Firework Maker's Daughter' by Philip Pullman **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', 'Mooses', '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 fir 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 standards units (cm^2 and m^2) & 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
	Our school follows the 'Rising Stars Switched on Science' scheme which is aligned to the 2014 NC requirements ***'Children are given access to the KS1 curriculum in different contexts providing appropriate repetition and reinforcement'.***					
Computing	**Digital Literacy** **E-Safety, Digital Citizens and Social Media Restrictions**	**Basic Skills** **PowerPoint Job Interview Presentation (inc. 3D simulation)**	**Computer Science** **Scratch: Game Designers**	**Information Technology** **Computer Networks** **Sharing Information**	**Information Technology** **Multimedia** **Radio Stars**	**Computer Science** **The Word Workshop**
History	**Titanic (Edwardian Era) &** **Maritime History (Link to Local Ship Building Industry)**			**So you think you know about Ancient Egypt?**		
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** **Mental Health & Keeping Well and Personal Attributes & Stereotypes**	**Relationships** **Friendships and Communicating Safely**	**Health and Wellbeing** **First Aid and Dealing with Emergencies**	**Living in the Wider World** **Spending and Saving**	**Health and Wellbeing** **Healthy Habits**	**Living in the Wider World** **Careers and the Future**
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** **'Livin' On a Prayer' & 'Classroom Jazz 1'** **Christmas Songs & Production**		**Charanga** **'Make You Feel My Love' & 'The Fresh Prince of Bel-Air'** **Ukulele/Keyboards (may move according to bookings)**		**Charanga** **'Dancing in the Street' & 'Reflect, Rewind and Replay'**	
	N.B. Charanga is developing new units linked to the Model Music Curriculum which will be rolled out during 2022-23, beginning with Y1					
PE	**Dance** **'The Olympic Games'** **Daily Mile/In class exercises**	**Tag Rugby** **Daily Mile/In class exercises**	**Swimming** **Daily Mile/In class exercises**	**Swimming** **Daily Mile/In class exercises**	**REAL Gym** **Orienteering & Adventurous Activity** **Daily Mile/In class exercises**	**REAL PE Unit 5** **Athletics/ Sports Day Prep** **Daily Mile/In class exercises**
French	**Unit 6** **'Le monde'**		**Unit 8** **'A Manger et a Boire'**		**Unit 9** **'Les Sports'**	