

Penygarn Community Primary School

Cornerstones Curriculum 2017/18



Year	ILP 1	ILP 2	ILP 3	ILP 4	ILP 5	ILP 6
Nursery	Why do you Love so much?	Did Dragons Exist?	Why can't I eat Chocolate for Breakfast?	How many Colours in a Rainbow?	How does that Building stay up?	What is a Shadow?
Love to Celebrate (RE)	Our World: Special People	Our World: Special Times	Our World: Special People	Our World: Special Times	Our World: Special People	Our World: Special Times
Upbeat (Music & Dance)	Performing Arts	Music and Movement/Dance	Singing	Performing Arts	Music and Movement/Dance	Singing
PE (PPA)	Multi-Skills	Team Games	Running & Jumping	Catching & Throwing	Athletics (Inc. sports day events*)	Ball Games
PE	Gymnastic and Dance elements to be taught through your topics					

Reception	Will you read me a story?	Can I switch it on?	What's that sound?	Why do Zebras have stripes?	Are we there yet?	What is a reflection?
Love to Celebrate (RE)	Our World: Special Times	Our World: Special Times	Our World: Special Places	Our World: Special Places	Our World: Special People	Our World: Special People
Upbeat (Music & Dance)	Performing Arts	Music and Movement/Dance	Singing	Performing Arts	Music and Movement/Dance	Singing
PE (PPA)	Multi-Skills	Team Games	Running & Jumping	Catching & Throwing	Athletics (Inc. sports day events*)	Ball Games
PE	Gymnastic and Dance elements to be taught through your topics					

Year 1	Enchanted Woodland	Moon Zoom	Ysgol (CC)	Superheroes	Dinosaur Planet	Paws, Claws & Whiskers
English Genre Opportunities	<ul style="list-style-type: none"> Information books and letters Lists and instructions Narratives 	<ul style="list-style-type: none"> Posters Character profiles Instructions Captions Reading familiar & unfamiliar texts 	<ul style="list-style-type: none"> Writing and asking questions Instructions Captions Reading familiar & unfamiliar texts 	<ul style="list-style-type: none"> Descriptive sentences Comic Strips Narrative Fact Files Labels and captions 	<ul style="list-style-type: none"> Fact Files Poetry and Riddles Non-Chronological reports Narrative Writing for different purposes 	<ul style="list-style-type: none"> Recounts Fables Booklets and lists Instructions Nursery rhymes and poems
EAS Literacy Pathways Links	<ul style="list-style-type: none"> Narrative: <i>Hansel & Gretel</i> Non-Chronological report: <i>Woodland Animals</i> Poetry: <i>Our Wildlife</i> 	<ul style="list-style-type: none"> Narrative: <i>Whatever Next?</i> Non-Chronological report: <i>Space</i> Poetry: <i>If I Were a Hawk</i> 			<ul style="list-style-type: none"> Narrative: <i>Tyrannosaurus Drip</i> Fact file: <i>I Love Dinosaurs</i> Poetry: <i>Dinosaur Rap</i> 	<ul style="list-style-type: none"> Narrative: <i>The Little White Owl</i> Instructions: <i>How do make a bird feeder</i> Poetry: <i>If I were a Hawk</i>
Numeracy	<ul style="list-style-type: none"> Use non-standard units to measure length and distance Find totals up to 10p and use different combinations of money to pay. 	<ul style="list-style-type: none"> Make whole and half turns Describe position, direction and movement 	<ul style="list-style-type: none"> Order a sequence of numbers within 30 using a set of number cards focusing on: number after/before. Investigate doubles to 10 Recall doubles and halves to 10. 		<ul style="list-style-type: none"> Make a sensible estimate of measurement in length, height, weight and capacity that can be checked using non-standard measures. Use non-standard units to measure length, height and distance. 	
Love to Investigate	<ul style="list-style-type: none"> Are all leaves the same? Do pine cones 	<ul style="list-style-type: none"> What keeps us dry? How does it feel? 	<ul style="list-style-type: none"> How do things move? 	<ul style="list-style-type: none"> What can our hands do? Can you be a 	<ul style="list-style-type: none"> Whose poo? Why do we have teeth? 	<ul style="list-style-type: none"> Can you leap like a frog? What can worms

(Science)	know it's raining? • What's in a bud? • How do leaves change?			superhero?		sense? • What is camouflage?
Love to Celebrate (RE)	Christianity: Harvest	Christianity: Harvest	Hinduism: Diwali	Hinduism: Diwali	Judaism: Purim	Judaism: Purim
Upbeat (Music & Dance)	Music and Movement/Dance	Performing Arts	Percussion Project	Music and Movement/Dance	Performing Arts	Percussion Project
PE (PPA)	Hockey	Rugby	Football	Netball	Athletics (Inc. sports day events*)	Tennis/Cricket
PE	Gymnastic and Dance elements to be taught through your topics					

Year 2	Scented Garden	Brilliant Betsi (CC)	Muck, Mess & Mixture	Street Detectives	Towers, Tunnels & Turrets	Land Ahoy
English Genre Opportunities	<ul style="list-style-type: none"> • Recounts • Non-Chronological reports • Instructions • Narrative • Information books 	<ul style="list-style-type: none"> • Asking, answering and writing questions • Retelling stories • Writing for different purposes • Newspaper reports 	<ul style="list-style-type: none"> • Labels, lists and captions • Recipes • Poetry • Narrative • Leaflets 	<ul style="list-style-type: none"> • Recounts and captions • Nursery rhymes • Instructions • Adverts • Diary writing 	<ul style="list-style-type: none"> • Recounts • Reported speech • Narrative • Letters • Posters 	<ul style="list-style-type: none"> • Narrative • Information books • Descriptions • Poetry • Postcards
EAS Literacy Pathways Links	<ul style="list-style-type: none"> • Retell, letter/email: <i>Jack and the Bean Stork & Jack's Bean Stork Stinks</i> • Instructions / Diary: <i>Books about beans and growing beans</i> • Shape Poems: <i>Books about beans and growing beans</i> 	<ul style="list-style-type: none"> • Newspaper report: <i>Teachers to prepare a selection of current newspaper reports</i> 	<ul style="list-style-type: none"> • Narrative Adventure: <i>The Hedgehog</i> • Non-Chronological report: <i>Wolves</i> • Onomatopoeic poetry: <i>The Sound Collector</i> 	<ul style="list-style-type: none"> • Narrative Familiar setting: <i>Lost & Found</i> • Letter: <i>Dear Greenpeace</i> 	<ul style="list-style-type: none"> • Narrative Fantasy: <i>The Wolves in the Walls</i> 	<ul style="list-style-type: none"> • Narrative Adventure: <i>The Lost Stars</i> • Similes poetry: <i>Hamster, Hamster</i>
Numeracy	<ul style="list-style-type: none"> • Use standard units to measure length and height • Use standard units to measure weight/ mass: Kilograms or 10g weights • Use standard units to measure 	<ul style="list-style-type: none"> • Use standard units to measure length and height • Use standard units to measure weight/ mass: Kilograms or 10g weights • Use standard units to measure 	<ul style="list-style-type: none"> • Use standard units to measure weight/ mass: Kilograms or 10g weights • Use standard units to measure capacity: Litres • Use symbols related to weight, 	<ul style="list-style-type: none"> • Read 'half past', 'quarter past' and 'quarter to' on an analogue clock • Read hours and minutes on a 12 hour digital clock • Record the days of the week, the months and 	<ul style="list-style-type: none"> • Use standard units to measure length and height • Use standard units to measure weight/ mass: Kilograms or 10g weights • Use standard units to measure 	<ul style="list-style-type: none"> • Use standard units to measure length and height • Use standard units to measure weight/ mass: Kilograms or 10g weights • Use standard units to measure

	<p>capacity: Litres</p> <ul style="list-style-type: none"> Use symbols related to weight, measure and capacity. 	<p>capacity: Litres</p> <ul style="list-style-type: none"> Use symbols related to weight, measure and capacity. 	<p>measure and capacity.</p> <ul style="list-style-type: none"> Find halves and quarters in practical situations Make a sensible estimate of measurement in length, height, weight and capacity that can be checked using standard measures. 	<p>seasons of the year.</p> <ul style="list-style-type: none"> Recognise half and quarter turns, clockwise and anticlockwise Recognise that a quarter turn is a right angle Use mathematical vocabulary to describe position, direction and movement. Gather and record data from lists and tables. Gather and record data from diagrams Gather and record data from block graphs Gather and record data from pictograms where the symbol represents one unit Extract and interpret information from lists, tables, diagrams and graphs. 	<p>capacity: Litres</p> <ul style="list-style-type: none"> Use symbols related to weight, measure and capacity. Gather and record data from diagrams Gather and record data from block graphs Gather and record data from pictograms where the symbol represents one unit Extract and interpret information from lists, tables, diagrams and graphs 	<p>capacity: Litres</p> <ul style="list-style-type: none"> Use symbols related to weight, measure and capacity. Recognise half and quarter turns, clockwise and anticlockwise Recognise that a quarter turn is a right angle Use mathematical vocabulary to describe position, direction and movement Compare daily temperatures using a thermometer
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Love to Investigate (Science)	<ul style="list-style-type: none"> • Can seeds grow anywhere? 	<ul style="list-style-type: none"> • How do germs spread? • Why should I exercise? 	<ul style="list-style-type: none"> • What shape is a bubble? • Which stuff is stickier? • How is mud made? • Do all balls bounce? 	<ul style="list-style-type: none"> • How do plants grow in winter? 	<ul style="list-style-type: none"> • Can you make a paper bridge? • Where do worms like to live? 	<ul style="list-style-type: none"> • Can you find the treasure? • Why do boats float?
Love to Celebrate (RE)	Sikhism: Anand Karaj	Christianity: Christmas	Judaism: Hanukkah	Judaism: Hanukkah	Hinduism: Navrati	Hinduism: Navrati
Upbeat (Music & Dance)	Music and Movement/Dance	Performing Arts	Percussion Project	Music and Movement/Dance	Performing Arts	Percussion Project
PE (PPA)	Hockey	Rugby	Football	Netball	Athletics (Inc. sports day events*)	Tennis/Cricket
PE	Gymnastic and Dance elements to be taught through your topics					

Year 3	Predator	Mighty Metals	Scrumdiddlyumpious	Gods & Mortals	Myths & Legends (CC)	Tremors
English Genre Opportunities	<ul style="list-style-type: none"> • Recounts • Leaflets • Poetry • Dilemma stories • Speeches 	<ul style="list-style-type: none"> • Non-Chronological reports • Explanations • Instructions • List poetry • Recounts 	<ul style="list-style-type: none"> • Recounts • Recipes and instructions • Nonsense poetry • Non-Chronological reports • Adverts 	<ul style="list-style-type: none"> • Character profiles • Diary writing • Instructions and commands • Myths and legends • Character descriptions 	<ul style="list-style-type: none"> • Welsh myths and legends: <i>The Mabinogion</i> • Poetry • Storyboards • Newspaper reports 	<ul style="list-style-type: none"> • Recounts • Historical narrative • Narrative using personification • Newspaper reports • Poetry
EAS Literacy Pathways Links	<ul style="list-style-type: none"> • Fiction Recount: <i>Greedy Zebra & Crafty Chameleon</i> • Non-Chronological report: <i>Reptiles</i> • Sensory Poetry: <i>Greedy Zebra & Crafty Chameleon</i> 	<ul style="list-style-type: none"> • Newspaper report/diary: <i>The Tin Forest</i> • Instructions: <i>The Tin Forest</i> • Imaginative Poetry: <i>The Tin Forest</i> 	<ul style="list-style-type: none"> • Narrative Recount: <i>The Journey</i> • Persuasive letter: <i>Any Snow White and the Seven Dwarves text</i> • Rhyming Couplets: <i>Any Snow White and the Seven Dwarves text</i> 	<ul style="list-style-type: none"> • Narrative Other Cultures: <i>Any Rama and Sita text</i> 	<ul style="list-style-type: none"> • Non-Chronological report: <i>The Journey Home</i> 	<ul style="list-style-type: none"> • Narrative Adventure: <i>The Journey</i> • Instructions: <i>FAR THER</i> • Poetry Haiku: <i>Bubbles animation from the Literacy Shed</i>
Numeracy	<ul style="list-style-type: none"> • Represent data using lists, tally charts, tables and diagrams • Represent data using bar charts and bar line graphs labelled in 2s, 5s, and 10s • Represent data using pictograms where one symbol represents more 	<ul style="list-style-type: none"> • Recognise that perimeter is the distance around a shape. • Use standard units to estimate and measure length: measure on a ruler to the nearest $\frac{1}{2}$ cm. • Use standard units to estimate and measure 	<ul style="list-style-type: none"> • Recognise that perimeter is the distance around a shape. • Use standard units to estimate and measure length: measure on a ruler to the nearest $\frac{1}{2}$ cm. • Use standard units to estimate and measure 		<ul style="list-style-type: none"> • Use the four compass points to describe directions. 	

	<p>than one unit using a key.</p> <ul style="list-style-type: none"> • Represent data using Venn and Carroll diagrams • Extract and interpret information from charts, timetables, diagrams and graphs • Use the magic stick to keep 2, 5 and 10 times tables 'on the boil' with frequent use of 'how do you know 	<p>weight/mass</p> <ul style="list-style-type: none"> • Use standard units to estimate and measure capacity • Estimate answers by rounding to the nearest 10. 	<p>weight/mass</p> <ul style="list-style-type: none"> • Use standard units to estimate and measure capacity. • Tell the time to the nearest 5 minutes on an analogue clock and calculate how long it is to the next hour. • Calculate start times, finish times and durations using hours, 30 minute intervals and 15-minute intervals • Take temperature readings using thermometers and interpret readings above and below 0. • Find simple fractional quantities linked to known multiplication facts. • Order and compare items up to £10. • Record money spent and saved • Find fractional quantities linked to known 			
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			multiplication facts			
Love to Investigate (Science)	<ul style="list-style-type: none"> • What do owls eat? • What are our joints for? • Why are trees tall? • How do fossils form? • How do worms move? 	<ul style="list-style-type: none"> • How mighty are magnets? • What does friction do? • Can you block magnetism? • Why do magnets attract and repel? 	<ul style="list-style-type: none"> • Is it safe to eat? • Which is the juiciest fruit? 	<ul style="list-style-type: none"> • Why did Icarus fall from the sky? 		<ul style="list-style-type: none"> • What is sand?
Love to Celebrate (RE)	Islam: The Hajj	Islam: The Hajj	Christianity: Lent	Judaism: Shavuot	Hinduism: Ganesh Chaturthi	Hinduism: Ganesh Chaturthi
Upbeat (Music & Dance)	Singing	Percussion Project	Dance	Singing	Percussion Project	Performing Arts
PE (PPA)	Hockey	Rugby	Football	Netball	Athletics (Inc. sports day events*)	Tennis/Cricket
PE	Gymnastic and Dance elements to be taught through your topics					

Year 4	The Romans are Coming (CC)	Burps, Bottoms & Bile	Potions	Misty Mountain Sierra	Sportswear Designers	Blue Abyss
English Genre Opportunities	<ul style="list-style-type: none"> • Role play • Diary entries • Glossaries 	<ul style="list-style-type: none"> • Fact files • Explanations • Using idioms • Fantasy narrative • Slogans • Persuasive texts 	<ul style="list-style-type: none"> • Labels and instructions • Letter writing • Play scripts • Poetry • Non-Chronological reports 	<ul style="list-style-type: none"> • Recounts • Non-Chronological reports • Calligrams • Explanations • Leaflets • Narrative 	<ul style="list-style-type: none"> • Websites • Slogans and logos • Adverts • Non-Chronological reports • interviews 	<ul style="list-style-type: none"> • Poetry using personification • Dilemma stories • Biography • Persuasive letters • Ballads
EAS Literacy Pathways Links	<ul style="list-style-type: none"> • Narrative Welsh Context: <i>Gelert</i> • Recount - Review: <i>Dream Giver</i> • Emotive Poetry: <i>I met at Eve</i> 	<ul style="list-style-type: none"> • Explanation: <i>How forces are important in the sport of Curling</i> • Imaginative Rhyming Poetry: <i>I Dreamed a Dream</i> 	<ul style="list-style-type: none"> • Narrative Play scripts: <i>Mr Stink & Play Time</i> • Conversational Poetry: <i>Voices in the Park</i> • Instructions: <i>How to trap an Ogre</i> 	<ul style="list-style-type: none"> • Narrative Familiar Setting Fairy Tales: <i>Red Riding Hood was Rotten</i> • Non-Chronological reports: <i>Llancaiach Fawr</i> 	<ul style="list-style-type: none"> • Persuasive Leaflets: <i>Cardiff Bay / Doctor Who</i> 	<ul style="list-style-type: none"> • Narrative Adventure: <i>James and the Giant Peach</i> • Descriptive Poetry: <i>Castles</i>
Numeracy	<ul style="list-style-type: none"> • Multiply and divide numbers by 10 by moving digits on a baseboard. • Select and use appropriate standard units to estimate and measure length, weight/mass and capacity. • Measure on a ruler to the nearest mm and record using a mix of units. 	<ul style="list-style-type: none"> • Select and use appropriate standard units to estimate and measure length, weight/mass and capacity. • Measure on a ruler to the nearest mm and record using a mix of units. • Use weighing scales with divisions to weigh objects to the nearest 5g, 10g, 	<ul style="list-style-type: none"> • Select and use appropriate standard units to estimate and measure length, weight/mass and capacity. • Measure on a ruler to the nearest mm and record using a mix of units. • Use weighing scales with divisions to weigh objects to the nearest 5g, 10g, 25g, or 100g. 	<ul style="list-style-type: none"> • Select and use appropriate standard units to estimate and measure length, weight/mass and capacity. • Measure on a ruler to the nearest mm and record using a mix of units. • Use weighing scales with divisions to weigh objects to the nearest 5g, 10g, 	<ul style="list-style-type: none"> • Select and use appropriate standard units to estimate and measure length, weight/mass and capacity. • Measure on a ruler to the nearest mm and record using a mix of units. • Convert metric units of length to smaller units • Choose appropriate 	

	<ul style="list-style-type: none"> • Use weighing scales with divisions to weigh objects to the nearest 5g, 10g, 25g, or 100g. • Measure capacities to the nearest 50ml or 100ml • Convert metric units of length to smaller units • Choose appropriate metric units to measure length, weight/mass and capacity 	<p>25g, or 100g.</p> <ul style="list-style-type: none"> • Measure capacities to the nearest 50ml or 100ml • Convert metric units of length to smaller units • Choose appropriate metric units to measure length, weight/mass and capacity 	<ul style="list-style-type: none"> • Measure capacities to the nearest 50ml or 100ml • Convert metric units of length to smaller units • Choose appropriate metric units to measure length, weight/mass and capacity. • Recognise fractions that are several parts of whole e.g. $\frac{2}{3}$ and $\frac{3}{10}$ 	<p>25g, or 100g.</p> <ul style="list-style-type: none"> • Measure capacities to the nearest 50ml or 100ml • Convert metric units of length to smaller units • Choose appropriate metric units to measure length, weight/mass and capacity. • Represent data using lists, tally charts, tables and diagrams • Represent data using bar charts and bar line graphs labelled in 2s, 5s, and 10s • Represent data using pictograms where one symbol represents more than one unit using a key. • Represent data using Venn and Carroll diagrams • Extract and interpret information from charts, 	<p>metric units to measure length, weight/mass and capacity.</p> <ul style="list-style-type: none"> • Represent data using lists, tally charts, tables and diagrams • Represent data using bar charts and bar line graphs labelled in 2s, 5s, and 10s • Represent data using pictograms where one symbol represents more than one unit using a key. • Represent data using Venn and Carroll diagrams • Extract and interpret information from charts, timetables, diagrams and graphs 	
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				timetables, diagrams and graphs		
Love to Investigate (Science)	<ul style="list-style-type: none"> • Did the Romans use toilet roll? • What are catapults for? • How far can an arrow travel? 	<ul style="list-style-type: none"> • How does toothpaste protect teeth? • What is spit for? 	<ul style="list-style-type: none"> • Are all liquids runny? • How do smells get up your nose? • Is custard a liquid? 	<ul style="list-style-type: none"> • Can worms sense danger? • What do squirrels eat? • Where does water go? • Why does it flood? 		<ul style="list-style-type: none"> • What are sunglasses for? • Why do shadows change? • Why do cat's eyes glow at night?
Love to Celebrate (RE)	Hinduism: Holi	Hinduism: Holi	Christianity: Holy Week	Christianity: Holy Week	Islam: Eid ul-Adha	Islam: Eid ul-Adha
Upbeat (Music & Dance)	Singing	Percussion Project	Dance	Singing	Percussion Project	Performing Arts
PE (PPA)	Hockey	Rugby	Football	Netball	Athletics (Inc. sports day events*)	Tennis/Cricket
PE	Gymnastic and Dance elements to be taught through your topics					

Year 5	Castles & Kingdoms (CC)	Stargazers	Time Traveller	Alchemy Island	Pharaohs	Beast Creator
English Genre Opportunities	<ul style="list-style-type: none"> • Research • Presentations • Mind maps • Storyboards • Fact files • Facts and opinions 	<ul style="list-style-type: none"> • Mnemonics • Myths and legends • Free verse poetry • Newspaper reports • Science fiction / graphic narrative 	<ul style="list-style-type: none"> • Character study • Adventure narrative • Leaflets • Free verse poetry • Quotations and poems 	<ul style="list-style-type: none"> • Fantasy narrartive • Non-Chronological reports • Soliloquies • Poetry • Lyrics 	<ul style="list-style-type: none"> • Chronological reports • Fact files • Research skills • Mystery stories • Play scripts 	<ul style="list-style-type: none"> • Non-Chronological reports • Instructions and advertisements • Comic strips • Limericks and Kennings • Fantasy narrative
EAS Literacy Pathways Links	<ul style="list-style-type: none"> • Narrative Welsh Culture: <i>Rhiannon's Misfortune & The Goddess Rhiannon</i> 	<ul style="list-style-type: none"> • Narrative Sci-Fi: <i>Hurricane</i> • Newspaper report: <i>King Kong</i> • Nonsense Poetry: <i>Jabberwocky</i> 	<ul style="list-style-type: none"> • Narrative Adventure: <i>Kensuke's Kingdom</i> • Narrative Poetry: <i>The Highwayman</i> 	<ul style="list-style-type: none"> • Non-Chronological report: <i>Henry VIII</i> 	<ul style="list-style-type: none"> • Narrative Mystery: <i>What really happened to Humpty Dumpty?</i> • Narrative Play scripts: <i>The true story of the Three Little Pigs</i> 	<ul style="list-style-type: none"> • Instructions: <i>Instructional leaflet to care for a new animal</i> • Narrative Horror: <i>Hobnail</i>
Numeracy	<ul style="list-style-type: none"> • Measure and calculate perimeters • Make estimates of length, weight/ mass and capacity based on knowledge of the size of real-life objects. • Use measuring instruments with 10 equal divisions between each major unit and 	<ul style="list-style-type: none"> • Measure and calculate perimeters • Make estimates of length, weight/ mass and capacity based on knowledge of the size of real-life objects. • Use measuring instruments with 10 equal divisions between each major unit and 	<ul style="list-style-type: none"> • Read and use analogue and digital clocks • Time events in minutes and seconds and order the results • Calculate start times, finish times and durations using hours and minutes • Carry out practical activities involving timed events and explain which unit 	<ul style="list-style-type: none"> • Relate fractions to division • Calculate fractional quantities e.g. $\frac{1}{8}$ of $24 = 3$ 	<ul style="list-style-type: none"> • Measure and calculate perimeters • Make estimates of length, weight/ mass and capacity based on knowledge of the size of real-life objects. • Use measuring instruments with 10 equal divisions between each major unit and 	<ul style="list-style-type: none"> • Measure and calculate perimeters • Make estimates of length, weight/ mass and capacity based on knowledge of the size of real-life objects. • Use measuring instruments with 10 equal divisions between each major unit and

	<p>record using decimal notation.</p> <ul style="list-style-type: none"> • Make use of conversions • Recognise the appropriateness of units in different contexts • Construct solids from given nets • Draw squares, rectangles and right angled triangles accurately • Make initial approximations when solving problems. 	<p>record using decimal notation.</p> <ul style="list-style-type: none"> • Make use of conversions • Recognise the appropriateness of units in different contexts • Represent data using lists, tally charts, tables diagrams and frequency tables • Represent data using bar charts, grouped data charts, line graphs and conversion graphs. • Extract and interpret information from an increasing range of diagrams, timetables and graphs (including pie charts) • Use mean, median, mode and range to describe a data set. • Measure and record 	<p>of time is most appropriate</p> <ul style="list-style-type: none"> • Estimate the length of time everyday activities take to complete, extending to hours and quarters of hours. • Represent data using lists, tally charts, tables diagrams and frequency tables • Represent data using bar charts, grouped data charts, line graphs and conversion graphs. • Extract and interpret information from an increasing range of diagrams, timetables and graphs (including pie charts) • Use mean, median, mode and range to describe a data set. 		<p>record using decimal notation.</p> <ul style="list-style-type: none"> • Make use of conversions • Recognise the appropriateness of units in different contexts 	<p>record using decimal notation.</p> <ul style="list-style-type: none"> • Make use of conversions • Recognise the appropriateness of units in different contexts • Represent data using lists, tally charts, tables diagrams and frequency tables • Represent data using bar charts, grouped data charts, line graphs and conversion graphs. • Extract and interpret information from an increasing range of diagrams, timetables and graphs (including pie charts) • Use mean, median, mode and range to describe a data set.
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		<p>temperatures involving positive and negative readings</p> <ul style="list-style-type: none"> • Calculate temperature differences, including those involving temperature rise and fall across 0°C. • Use <> to describe whether a number is less than or greater than another, working with different types of numbers. • Read and write numbers to 100000. • Order negative and positive numbers including decimals to 1dp. 				
<p>Love to Investigate (Science)</p>		<ul style="list-style-type: none"> • Why do planets have craters? • Can we track the sun? • How do we know the Earth is round? • How do rockets lift off? • How does the 	<ul style="list-style-type: none"> • Do we slow down as we get older? 	<ul style="list-style-type: none"> • Can you clean dirty water? • Do all solids dissolve? • Will it erupt? • Which materials conduct heat? • Why does a compass always point north? 	<ul style="list-style-type: none"> • Why does milk go off? 	<ul style="list-style-type: none"> • How do worms reproduce? • Why do birds lay eggs?

		<i>Moon move?</i>				
Love to Celebrate (RE)	Judaism: Passover	Judaism: Passover	Christianity: Pentecost	Christianity: Pentecost	Islam: Ramadan	Islam: Eid al-Fitr
Upbeat (Music & Dance)	Percussion Project	GarageBand	Performing Arts	Percussion Project	Singing (TBC)	Dance (TBC)
PE (PPA)	Hockey	Rugby	Football	Netball	Athletics (Inc. sports day events*)	Tennis/Cricket
PE	Gymnastic and Dance elements to be taught through your topics					

Year 6	A Child's War / Pits & Ponies (CC)	Tomorrow's World	Frozen Kingdom	Darwin's Delight	Blood Heart	Hola Mexico
English Genre Opportunities	<ul style="list-style-type: none"> Letters Newspaper reports Presentations Speeches Recounts Stories Poetry 	<ul style="list-style-type: none"> Email and blogs Newspaper reports Websites Thriller narratives Podcasts 	<ul style="list-style-type: none"> Chronological reports Short narrative Diaries Haiku poetry Letter writing 	<ul style="list-style-type: none"> Labelling and Journals Diareies Letters Explanations Newspaper reports 	<ul style="list-style-type: none"> Non-Chronological reports Shape poetry Slogans and Adverts Biography Narrative using personification 	<ul style="list-style-type: none"> Invitations Postcards Instructions Myths and Legends Poetry
EAS Literacy Pathways Links	<ul style="list-style-type: none"> Historical Narrative: <i>Rose Blanche</i> Non-Chronological Reports: <i>The Blitz</i> Imagery in Poetry: <i>The Blitz</i> 	<ul style="list-style-type: none"> Narrative with a Flash back: <i>The Piano</i> Recount - Newspaper report: <i>The Candleman</i> 	<ul style="list-style-type: none"> Narrative - Diary entry: <i>The Invention of Hugo Cabret</i> Explanation: <i>From Bean to Bar</i> Structured Poetry - Haiku, Quatrains & Sonnets: <i>Moving Images</i> 	<ul style="list-style-type: none"> Non-Chronological report: <i>Images of Patagonia</i> Explanations: <i>Film Making</i> 	<ul style="list-style-type: none"> Narrative <i>Mystery: The Stranger</i> Explanation: <i>How the heart works</i> 	<ul style="list-style-type: none"> Free Poetry: <i>Face</i>
Numeracy	<ul style="list-style-type: none"> Make initial approximations when solving problems Check answers using inverse operations. Read and interpret scales or divisions on a range of measuring instruments Make estimates 		<ul style="list-style-type: none"> Measure and record temperatures involving positive and negative readings Calculate temperature differences including those involving temperature rise and fall across 0°C 	<ul style="list-style-type: none"> Use grid references specify location Represent data using lists, tally charts, tables diagrams and frequency tables Represent data using bar charts, grouped data charts, line graphs and conversion 	<ul style="list-style-type: none"> Represent data using lists, tally charts, tables diagrams and frequency tables Represent data using bar charts, grouped data charts, line graphs and conversion graphs. Extract and interpret 	<ul style="list-style-type: none"> Read and interpret scales or divisions on a range of measuring instruments Make estimates of length, weight/mass and capacity based on knowledge of the size of real-life objects, recognising the

	<p>of length, weight/mass and capacity based on knowledge of the size of real-life objects, recognising the appropriateness of units in different contexts.</p> <ul style="list-style-type: none"> • Represent data using lists, tally charts, tables diagrams and frequency tables • Represent data using bar charts, grouped data charts, line graphs and conversion graphs. • Extract and interpret information from an increasing range of diagrams, timetables and graphs (including pie charts) • Use mean, median, mode and range to describe a data set. 			<p>graphs.</p> <ul style="list-style-type: none"> • Extract and interpret information from an increasing range of diagrams, timetables and graphs (including pie charts) • Use mean, median, mode and range to describe a data set. 	<p>information from an increasing range of diagrams, timetables and graphs (including pie charts)</p> <ul style="list-style-type: none"> • Use mean, median, mode and range to describe a data set 	<p>appropriateness of units in different contexts.</p> <ul style="list-style-type: none"> • Use grid references specify location • Represent data using lists, tally charts, tables diagrams and frequency tables • Represent data using bar charts, grouped data charts, line graphs and conversion graphs. • Extract and interpret information from an increasing range of diagrams, timetables and graphs (including pie charts) • Use mean, median, mode and range to describe a data set.
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Love to Investigate (Science)	<ul style="list-style-type: none"> • Can you send a coded message? 	<ul style="list-style-type: none"> • How does light travel? • What is a reflection? • Can you see through it? • Can you turn a light down? 	<ul style="list-style-type: none"> • How do animals stay warm? • Can you slow cooling down? 	<ul style="list-style-type: none"> • How have eyes evolved? • How many worms are underground? • Where do wild plants grow best? • Why do birds have different beaks? • Why is holly prickly? 	<ul style="list-style-type: none"> • How does blood flow? • What's in blood? • What can your heart rate tell you? 	<ul style="list-style-type: none"> • How can we make red? • What colour is a shadow?
Love to Celebrate (RE)	Christianity: Sunday	Christianity: Sunday	Islam: Lailat al Miraj	Islam: Lailat al Miraj	Sikhism: Bandi Chhor Divas	Sikhism: Bandi Chhor Divas
Upbeat (Music & Dance)	Percussion Project	GarageBand	Performing Arts	Percussion Project	Singing (TBC)	Dance (TBC)
PE (PPA)	Hockey	Rugby	Football	Netball	Athletics (Inc. sports day events*)	Tennis/Cricket
PE	Gymnastic and Dance elements to be taught through your topics					