

	EYFS Long Term Mathematics Plan 2021-2022 (Used alongside White Rose)					
	Autumn 7 weeks	Autumn 7 weeks	Spring 6 weeks	Spring 6 weeks	Summer 6 weeks	Summer 7 weeks
White rose Overview	Getting to know you (BASELINE) Just like me! It's ME 1,2,3! Light and Dark		Alive in 5! Growing 6,7,8 Building 9 and 10 Consolidation		To 20 and beyond First then now Find my pattern On the Move	
Maths Through Stories Stories to support Maths concepts	<u>Sorting/Classifying</u> Button Box Junk DNA <u>Number Sense</u> Anno's counting books 10 counting Dots How Many – Christopher Danielson I spy Numbers Hello numbers! What can you do? One Fox – Counting book 5 Creatures <u>Spatial Awareness</u> Rosie's Walk We're Going on a Bear Hunt		We all went on safari Story Telling Math – What will fit? One is a Snail Ten is a Crab How Many – Christopher Danielson Anno's counting books 10 black dots How much does a ladybird weigh?		How Many Legs My Gumpy's Outing Shopping basket The Doorbell Rang Ten Seeds Which one doesn't belong? Actual Size Beach Treasure	
Daily Math opportunities	Self-registration – subitising, counting, addition and subtraction, more/less/fewer (5 and 10 frames) Voting for a story at the end of the day – subitising, counting, more/less Sequencing the day – time/ordering Snack – sorting/classifying/shape Calendar – Birthdays/Seasons/Days of the week song Number rhymes/songs					

Areas Of Mathematics - Destinations	<p>Number Sense Subitising Perceptual Subitising 1-3 Subitising 4 (with 1,2,3) Subitising 5 (with 1,2,3,4) Conceptual Subitising - Number bonds to 5 (link to addition and subtraction)</p> <p>Counting –number songs and rhymes, things you cannot subitise like claps, jumps</p> <p>Number and place value – Comparing groups – identical and non-identical Finished 5 frame</p> <p>Addition and subtraction Linking 1 more and 1 less language, use of number songs and rhymes.</p> <p>Comparison Comparing amounts language of more/less/fewer Linking to size/measures</p> <p>Sorting and Classifying Noticing/matching Sorting</p> <p>Spatial relationships Understand where things are in the class inside and outside Follow/listen to instructions PE Obstacle course</p>	<p>Number Sense Subitising Perceptual and conceptual subitising moving on from 5 Conceptual Subitising - Number bonds to 5 (link to addition and subtraction) Noticing early doubling through subitising</p> <p>Counting - Counting to 10 forwards and backwards starting at different numbers Counting beyond 10 (carpet time)</p> <p>Comparison Comparing amounts – more, less, fewer</p> <p>Addition and subtraction Conceptual subitising 1 more and 1 less Finished 5, then finished 10 Number songs/rhymes</p> <p>Sorting and Classifying</p> <p>Shape Properties – comparing/sorting/matching Patterns around them – patterns on minibeasts, symmetry, beehives. Repeating patterns</p> <p>Spatial awareness PE Link Technology link</p>	<p>Number Sense Subitising Perceptual and conceptual subitising Noticing</p> <p>Counting Counting forward/backwards 20 and beyond Counting noticing patterns - 2s 5s, 10s</p> <p>Comparison</p> <p>Addition and Subtraction Conceptual subitising More/less/fewer Finished tens – place value Number songs/rhymes</p> <p>Multiplication and Division (link to stories, snack time, cooking, in their play, subitising) Numerical patterns – doubling, halving, sharing.</p> <p>Numerical patterns (link to subitising, patterns) Odds and Evens Patterns of 2,5,10's</p> <p>Sorting and Classifying</p> <p>Shape Exploring patterns What do we call the shapes they are using?</p> <p>Space Spatial awareness</p>
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	<p>Shape</p> <p>Properties – comparing/sorting/matching (noticing)</p> <p>Patterns around them</p> <p>Shape/pattern-link to Diwali/ fireworks</p> <p>Pattern - Christmas wrapping paper (TECH link)</p> <p>Measures – A direct comparison</p> <p>Language of tall/short</p> <p>Short/long</p> <p>Heavy/light</p> <p>Day/night</p> <p>Full/empty</p> <p>Time My day night and day, routines, calendar birthday, noticing change of seasons.</p> <p>Comparing quantities</p> <p>Comparing – height all about me/feet</p>	<p>Measure</p> <p>Comparisons - order</p> <p>Tall, taller tallest</p> <p>Short, shorter, shortest</p> <p>Heavy, heavier, heaviest</p> <p>Time – daily talk</p> <p>Morning, afternoon, night-time, today, tomorrow, weekend</p>	<p>Measure – understand/apply the use the language of measures in their play.</p> <p>Time – timing yourselves in a minute/o clock what’s the time Mr wolf</p> <p>Length / height – link to growing</p> <p>Volume/capacity</p> <p>Distance</p> <p>Money</p>
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Websites

<https://earlymath.erikson.edu/dashboard/>

Early Years Resources – East Midlands West Maths Hub (emwest.co.uk)

[| DREME TE \(stanford.edu\)](http://dreme.stanford.edu)

www.learningtrajectories.org

<https://www.bbc.co.uk/cbeebies/shows/numberblocks#episodes>

[5-6-7-year-olds-guidance.pdf](#)

Books

Linda Pound- Supporting mathematical development in the early years, Thinking and Learning about Mathematics in the Early Years.

Derek Haylock – Understanding early years mathematics, Mathematics explained for primary teachers.

Erikson - Big Ideas of Early Mathematics