

EYFS Long Term Mathematics Plan
(Used alongside White Rose)

	Autumn 8 weeks	Autumn 7 weeks	Spring 5 weeks	Spring 5 weeks	Summer 7 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 One Fox – Counting book 5 Creatures <u>Shape & Measure</u> Pattern bug Pattern fish 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 counting Dots		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 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					

Areas Of Mathematics - Destinations
MTPs being developed for each of these areas.

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)

Counting –number songs and rhymes, things you cannot subitise like claps, jumps

Number and place value – Comparing groups – identical and non-identical
Finished 5 frame

Addition and subtraction

Linking 1 more and 1 less language, use of number songs and rhymes.

Comparison –

Comparing amounts language of more/less/fewer
Linking to size/measures

Sorting and Classifying

Noticing/matching
Sorting

Spatial relationships

Understand where things are in the class inside and outside
Follow/listen to instructions.
PE
Obstacle course

Shape

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

Counting - Counting to 10 forwards and backwards starting at different numbers Counting beyond 10 (carpet time)

Comparison

Comparing amounts – more, less, fewer

Addition and subtraction

Conceptual subitising
1 more and 1 less
Finished 5, then finished 10
Number songs/rhymes

Sorting and Classifying

Shape

Properties – comparing/sorting/matching
Patterns around them – patterns on minibeasts, symmetry, beehives. Repeating patterns

Spatial awareness

PE Link
Technology link

Measure

Comparisons - order
Tall, taller tallest
Short, shorter, shortest
Heavy, heavier, heaviest
Time – daily talk

Number Sense

Subitising

Perceptual and conceptual subitising
Noticing

Counting

Counting forward/backwards 20 and beyond
Counting noticing patterns - 2s 5s, 10s

Comparison

Addition and Subtraction

Conceptual subitising
More/less/fewer
Finished tens – place value
Number songs/rhymes

Multiplication and Division (link to stories, snack time, cooking, in their play, subitising)

Numerical patterns – doubling, halving, sharing.

Numerical patterns (link to subitising, patterns)

Odds and Evens
Patterns of 2,5,10's

Sorting and Classifying

Shape

Exploring patterns
What do we call the shapes they are using ?

Space

Spatial awareness

Measure – understand/apply the use the language of measures in their play.

	<p>Properties – comparing/sorting/matching (noticing) Patterns around them Shape/pattern-link to Diwali/ fireworks Pattern - Christmas wrapping paper (TECH link)</p> <p>Measures – A direct comparison Language of tall/short Short/long Heavy/light Day/night Full/empty Time My day night and day, routines, calendar birthday, noticing change of seasons. Comparing quantities Comparing – height all about me/feet</p>	<p>Morning, afternoon, night-time</p>	<p>Time – timing yourselves in a minute/o clock what's the time Mr wolf Length / height – link to growing Volume/capacity Distance 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://dremete.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