EYFS MTPS: Mathematics

Early Learning Goals					
Number Have a deep understanding of number to 10, including the composition of each number Subitise (recognise quantities without counting) up to 5	**Number** Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts	**Numerical Patterns** Verbally count beyond 20, recognising the pattern of the counting system Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity	**Numerical Patterns** Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally	**Development Matters:** Select, rotate and manipulate shapes to develop spatial reasoning skills Compose and decompose shapes so that children recognise a shape can have other shapes within it, just as numbers can	. **Development Matters:** Continue, copy and create repeating patterns Compare length, weight and capacity

Curriculum Design and Inspiration:

- White Rose Maths
- Numberblocks
- STEM Activities
- NCETM

Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
White Rose Maths (Evidence in Maths Book)					
Getting to Know you It's me 1,2,3 1 more and 1 less to 3 Part-part whole 1-3	It's Me 1,2,3,4,5 (Includes 4 and 5) Part-part whole 4, 5 Number bonds to 5 Subtraction facts to 5 1 more and 1 less to 5 Shadow play and printing 3D-2D Shape Capes	Alive in 5 Part-part whole 5 Number bonds to 5 Subtraction facts to 5 1 more and 1 less to 5 Subitising to 5 Growing 6,7,8 Combing amounts Ways to make each number	Building 9,10 Ways to make 9 Bonds to 10 1 more and 1 less to 10 Subitising Part-part whole to 10	To 20 and beyond (verbal) Focus on ELG coverage Counting in 2s Tangrams Magnetic Construction tiles	To 20 and beyond (verbal) Focus on ELG coverage Counting in 2s, 10s and 5s Capacity
Numberblocks (Evidence in Maths Book)					
Numberblocks 1-3 https://www.bbc.co.uk/iplayer/episode/b08bzzns/numberblocks-series-1-one https://www.bbc.co.uk/iplayer/episode/b08bzgt8/numberblocks-series-1-two http://www.bbc.co.uk/iplayer/episode/b08bzgxx/numberblocks-series-1-three	Numberblocks 4-5 http://www.bbc.co.uk/iplayer/episode/b08d61cv/numberblocks-series-1-four http://www.bbc.co.uk/iplayer/episode/b08d630h/numberblocks-series-1-five Stampolines (subitising 1-5) http://www.bbc.co.uk/iplayer/episode/b08dnngm/numberblocks-series-1-stampolines Composition of 5 https://www.bbc.co.uk/iplayer/episode/b0blss0t/numberblocks-series-3-the-numberblocks-express 2D shape http://www.bbc.co.uk/iplayer/episode/b0bp2qlb/numberblocks-series-3-flatland	Numberblocks 6-8 http://www.bbc.co.uk/iplayer/episode/b08pgksd/numberblocks-series-2-six http://www.bbc.co.uk/iplayer/episode/b08pgqt4/numberblocks-series-2-seven http://www.bbc.co.uk/iplayer/episode/b08pgvmb/numberblocks-series-2-eight Zero https://www.bbc.co.uk/iplayer/episode/b0blsx34/numberblocks-series-3-zero Composition of 5, part part whole. http://www.bbc.co.uk/iplayer/episode/b08dr1l3/numberblocks-series-1-the-whole-of-me Number bonds to 5 http://www.bbc.co.uk/iplayer/episode/b08dmjsk/numberblocks-series-1-holes Number bonds to 5 http://www.bbc.co.uk/iplayer/episode/b08dmn88/numberblocks-series-1-hide-and-seek	Numberblocks 9-10 http://www.bbc.co.uk/iplayer/episode/b08phbzc/numberblocks-series-2-nine http://www.bbc.co.uk/iplayer/episode/b08phr1g/numberblocks-series-2-ten Number bonds to 10 http://www.bbc.co.uk/iplayer/episode/b08q3zx7/numberblocks-series-2-blast-off	Doubling http://www.bbc.co.uk/iplayer/episode/b08q4jkq/numberblocks-series-2-double-trouble Partitioning into equal groups http://www.bbc.co.uk/iplayer/episode/b08q4mkf/numberblocks-series-2-the-three-threes	Odds and Evens http://www.bbc.co.uk/iplayer/episode/b08r2l4d/numberblocks-series-2-odds-and-evens
Review and Revisit (Evidence on Tapestry)					
1-3 Circles and Triangles	Squares and rectangles Pentagons Numbers 1-5 Numberblocks: Flat Land	Part-part whole 4, 5 Number bonds to 5 Subtraction facts to 5 1 more and 1 less to 5 Hectogons, octagons	Numbers 1-8 – Part-part whole/Numicon/tens frames Shapes – 2D/3D	Numbers 1-10 – Part-part whole/Numicon/tens frames/bonds Shapes – 2D/3D	Odds and Evens Doubles Bonds to 10 Bonds to 5 Counting in 2s. 5s, 10s
Mathematical opportunities in Independent Play (Evidence of Tapestry)					
Circles Triangles Time Discussions Create Numberblocks 1-3 Mr Men Shape activities Jigsaws	3D shapes – fireworks Create Numberblocks 4-5 Mr Men Shape activities Number bonds to 5 activities Shadow Play Printing 3D-2D shapes	Length – snakes – Jake the Snake Height – giraffes – Giraffes Can't Dance Weight - elephants Pattern Day – Elmer	Create Number blocks 9 and 10 Number bond themed activities with Numicon and tens frames	Sharing and halving pirate activities Subitising Games Counting in 2s with Noah's Ark Shapes within Shapes	Odds and evens sorting Bonds to 10 games and activities Subitising Games Capacity
Related books					
Circle/Triangle- Mac Barnett and Jon Klasson Mr Men stories- Roger Hargreaves Annos Counting book -Mitsumasa Anno	Square- Mac Barnett and Jon Klasson	None is the number -Oliver Jeffers Anno's Counting book- Mitsumasa Anno Who sank the boat- Pamela Allen Mr Gumpy's Outing- John Burningham	Six Dinner Sid -Inga Moore	20 big trucks in the middle of a street -Mark Lee Grandpa's Quilt -Betsy Franco	Double the ducks - Stuart J Murphy