



Year R LTP Maths 2024-2025

Mathematics - LAT Autumn expectations

Number

- Count objects, actions and sounds.
- Link the number symbol (numeral) with its cardinal number value.
- Explore the composition of numbers to 10.

Numerical Pattern

- Count beyond ten.
- Continue, copy and create repeating patterns.
- Compare length, weight and capacity.

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Autumn 1	<p style="text-align: center;">Getting to know you</p> <p style="text-align: center;">Merge below units focusing on key skills needed to be covered</p> <p style="text-align: center;">AMM Unit 1 - Early Mathematical Experiences (4 weeks) WR Aut Block 1 - Match, Sort and Compare (2 weeks)</p> <p style="text-align: center;">Books - <i>A Pair of Socks</i> - Stuart J Murphy, <i>Seaweed Soup</i> - Stuart J Murphy, <i>The Button Box</i> - Margarette S Reid, <i>Beep Beep, Vroom Vroom!</i> - Stuart J Murphy</p>				<p style="text-align: center;">AMM Unit 2 - Pattern and Early Number (2 weeks)</p> <p style="text-align: center;">Songs/Rhymes - Finger Family, Three Blind Mice, Two Little Dicky Birds.</p>		<p style="text-align: center;">AMM Unit 3 - Numbers within 6 (2 weeks)</p> <p style="text-align: center;">Songs/Rhymes - Four Little Ducks, Five Speckled Frogs, Six Fairy Cakes</p>	
Autumn 2	<p style="text-align: center;">Merge below units focusing on key skills needed to be covered</p> <p style="text-align: center;">AMM Unit 5 - Measures (1 week)/WR Aut Block 2 - Talk about Measure and Patterns (2 weeks)</p> <p style="text-align: center;">Songs/Rhymes - Polly Put the Kettle On</p> <p style="text-align: center;">Books - <i>Where's My Teddy?</i> - Jez Alborough, <i>It's the Bear</i> - Jez Alborough, <i>The Blue Balloon</i> - Mick Inkpen, <i>Dear Zoo</i> - Rod Campbell, <i>My First Book of Patterns</i> - Bobby and June George, <i>We're Going on a Bear Hunt</i> - Michael Rosen, <i>A-B-A-B-A</i> - <i>A Book of Pattern Play</i> - Brian P Clearly</p>		<p style="text-align: center;">AMM Unit 7 -Numbers within 10 (2 weeks)</p> <p style="text-align: center;">Songs/Rhymes - Eight Fat Sausages, Once I Caught a Fish Alive, Seven Green Bottles</p>		<p style="text-align: center;">Merge below units focusing on key skills needed to be covered</p> <p style="text-align: center;">AMM Unit 18 - Measures (2 weeks)/WR Spr Block 2 - Mass and Capacity (1 week) and Spr Block 4 - Length, Height (leave time for Sum) (2 weeks)</p> <p style="text-align: center;">Songs/Rhymes - 10 Little Cyclists</p> <p style="text-align: center;">Books - <i>Who Sank the Boat?</i> - Pamela Allen, <i>Balancing Act</i> - Ellen Stoll Walsh, <i>A Beach for Albert</i> - Eleanor May, <i>Superworm</i> - Julia Donaldson, <i>Actual Size</i> - Steve Jenkins, <i>Jim and the Beanstalk</i> - Raymond Briggs, <i>I Can Only Draw Worms</i> - Will Mabbit, <i>Titch</i> - Pat Hutchins, <i>Tall</i> - Jez Alborough, <i>Jack and the Beanstalk</i>, <i>The Giraffe Who Got in a Knot</i> - Paul Geraghty and John Bush</p>		<p>Consolidation week</p> <p>-----</p> <p>-----</p> <p>-----</p>	

Mathematics - LAT Spring expectations

Number

- Understand the 'one more than/one less than' relationship between consecutive numbers.
- Automatically recall number bonds for numbers 0-10.
- Subitise.

Numerical Pattern

- Compose and decompose shapes so that children recognize a shape can have other shapes within it, just as numbers can.
- Compare numbers.
- Select, rotate and manipulate shapes in order to develop spatial reasoning skills.

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Spring 1	<p>WR Aut Block 3 - <i>It's me 1, 2, 3</i> (2 weeks)</p> <p>Books - <i>Anno's Counting Book</i> - Mitsumasa Anno, <i>How to Count to One</i> - Caspar Salmon, <i>Goldilocks and the Three Bears</i>, <i>The Gingerbread Man</i>, <i>A Squash and a Squeeze</i> - Julia Donaldson, <i>The Three Billy Goats Gruff</i></p>	<p>Merge below units focusing on key skills needed to be covered</p> <p>AMM Unit 6 - <i>Shape and Sorting</i> (1 week)/WR Aut Block 4 - <i>Circles and Triangles</i> (1 week) and Spr Block 6 - <i>Explore 3D Shapes</i> (1 week)</p> <p>Songs/Rhymes - <i>Incy Wincy Spider</i></p> <p>Books - <i>Circle, Triangle, Elephant! A Book of Shapes and Surprise</i> - Kenji Oikawa and Mayuko Takeuchi, <i>Triangle</i> - Mac Barnett and Jon Klassen, <i>Shapes, Shapes, Shapes</i> - Tana Hoban, <i>We're Going on a Bear Hunt</i> - Michael Rosen, <i>Rosie's Walk</i> - Pat Hutchins, <i>Circle! Sphere!</i> - Grace Lin, <i>Changes, Changes</i> - Pat Hutchins, <i>Naughty Bus</i> - Jan Oke, <i>Rapunzal</i>, <i>Kitten Castle</i> - Ellen Weiss and Mel Friedman, <i>Pattern Fish</i> - Trudy Harris, <i>Pattern Bugs</i> - Trudy Harris, <i>Busy, Busy, Busy</i> - Hanuel Ddang, <i>The Leopard's Drum</i> - Jessica Souhami, <i>Jamil's Clever Cat</i> - Fiona French with Dick Newby</p>	<p>WR Aut Block 5 - <i>1, 2, 3, 4, 5</i> (2 weeks)</p> <p>Books - <i>Witches Four</i> - Marc Brown, <i>Five Little Friends</i> - Sarah Dyer, <i>Pete the Cate and his Four Groovy Buttons</i> - Eric Litwin, <i>Kipper's Birthday</i> - Mark Inkpen, <i>The Very Hungry Caterpillar</i> - Eric Carle, <i>Stella To Earth!</i> - Simon Puttock and Philip Hopman, <i>Anno's Counting Book</i> - Mitsumasa Anno</p>	<p>WR Spr Block 1 - <i>Alive in 5</i> (2 weeks)</p> <p>Books - <i>Zero is the Leaves on the Tree</i> - Betsy Franco, <i>None the Number</i> - Oliver Jeffers, <i>Anno's Counting Book</i> - Mitsumasa Anno, <i>I Spy Numbers</i> - Jean Marzollo, <i>The Ugly Five</i> - Julia Donaldson, <i>Five Small Stars</i> - Elizabeth Matterson and Madge Bugden, <i>Room on the Broom</i> - Julia Donaldson</p>		
Spring 2	<p>Merge below units focusing on key skills needed to be covered</p> <p>AMM Unit 4 - <i>Addition and Subtraction within 6</i> (1 week)/WR Spr Block 3 - <i>Growing 6, 7, 8</i> (2 weeks)</p> <p>Songs/Rhymes - <i>Lavender's Blue</i></p> <p>Books - <i>Handa's Surprise</i> - Eileen Browne, <i>Sidney The Silly Who Only Eats 6</i> - M.W Penn, <i>Six Dinner Sid</i> - Inga Moore, <i>1, 2, 3 to the Zoo</i> - Eric Carle, <i>Kipper's Toybox</i> - Mick Inkpen, <i>Quack and Count</i> - Keith Baker, <i>Simon Sock</i> - Sue Hendra and Paul Linnet, <i>Missing Mittens</i> - Stuart J Murphy, <i>Noah's Ark</i>, <i>Double Dave</i> - Sue Hendra, <i>Minnie's Diner</i> - Dayle Ann Dodds, <i>Two of Everything</i> - Lily Toy Hong, <i>Don't Forget the Bacon!</i> - Pat Hutchins, <i>The Snail and the Whale</i> - Julia Donaldson</p>	<p>Merge below units focusing on key skills needed to be covered</p> <p>AMM Unit 9 - <i>Addition and Subtraction within 10</i> (1 week)/WR Spr Block 5 - <i>Building 9 and 10</i> (3 weeks)</p> <p>Songs/Rhymes - <i>Mary Had a Little Lamb</i></p> <p>Books - <i>Nine Naught Kittens</i> - Linda M Jennings, <i>Ten Little Fingers and Ten Little Toes</i> - Mem Fox, <i>Cockatoos</i> - Quentin Blake, <i>How Do Dinosaurs Count to Ten?</i> - Jane Yolen, <i>The Ten Little... Series</i> - Mike Brownlow, <i>Anno's Counting Book</i> - Mitsumasa Anno, <i>One Duck Stuck</i> - Phyllis Root, <i>Mouse Count</i> - Ellen Stoll Walsh, <i>Ten In the Bed</i> - Penny Dale, <i>One Gorilla</i> - Anthony Browne, <i>Mr Willy-Nilly and Zoey's Deam</i> - Ji-yeun Shin, <i>Pete the Cat and the Missing Cupake</i> - Kimberly and James Dean, <i>Ten Black Dots</i> - Donald Crews, <i>Two of Everything</i> - Babette Cole, <i>Double the Ducks</i> - Stuart J Murphy, <i>One Odd Day</i> - Doris Fisher and Dani Sneed</p>	<p>Merge below units focusing on key skills needed to be covered</p> <p>AMM Unit 13 - <i>Shape and Pattern</i> (1 week)/WR Aut Block 6 - <i>Shapes with 4 sides</i> (1 week) and Sum Block 3 - <i>Manipulate, Compose and Decompose</i> (2 weeks)</p> <p>Songs/Rhymes - <i>Mary Mary</i></p> <p>Books - <i>Bear in a Square</i> - Stella Blackstone, <i>Square</i> - Mac Barnett and Jan Klassen, <i>Shapes, Shapes, Shapes</i> - Tana Hoban, <i>Night Monkey, Day Monkey</i> - Julia Donaldson, <i>The Fox in the Dark</i> - Alison Green, <i>Big Box of Shapes</i> - Wiley Blevins, <i>Which One Doesn't Belong?</i> - Christopher Danielson, <i>Mr Grumpy's Motor Car</i> - John Burningham, <i>Tangram Cat</i> - Maranke Rinck and Martijn van der Linden, <i>Three Pigs, One Wolf, and Seven Magic Shapes</i> - Grace Maccarone, <i>Mouse Shapes</i> - Ellen Stoll Walsh, <i>Pezzettino</i> - Leo Lionni, <i>Jakc and the Flumflum Tree</i> - Julia Donaldson, <i>Perfect Square</i> - Michael Hall, <i>Grandpa's Quilt</i> - Betsy Franco, <i>Color Zoo</i> - Lois Ehlert, <i>Cubes, Cones, Cylinders and Spheres</i> - Tana Hoban, <i>Boxitects</i> - Kim Smith</p>			

Mathematics - ELG objectives.

Number

- Have a deep understanding of numbers to 10, including the composition of each number.
- Subitise (recognize quantities without counting) up to 5.
- 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 Pattern

- Verbally count beyond 20, recognizing the patterns of the counting system.
- Compare quantities up to 10 in different contexts, recognizing when one quantity is greater than, less than or the same as the other quantity.
- Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Summer 1	AMM Unit 11 - Number patterns within 15 (2 weeks) Songs/Rhymes - Old Mother Hubbard		Merge below units focusing on key skills needed to be covered AMM Unit 14 - Securing Addition and Subtraction facts (2 weeks)/WR Sum Block 2 - How Many Now? (1 week) Songs/Rhymes - Down By the Station Books - <i>Mouse Count</i> - Ellen Stall Walsh, <i>One Ted Falls out of Bed</i> - Julia Donaldson, <i>My Granny Went to Market</i> - Stella Blackstone, <i>Mr Grumpy's Outing</i> - John Burningham, <i>Splash!</i> - Ann Jonas, <i>Tad</i> - Benji Davis, <i>The Shopping Basket</i> - John Burningham	AMM Unit 15 - Number patterns within 20 Songs/Rhymes - Buckle My Shoe		----- ----- ----- -----	----- ----- ----- -----
Summer 2	Merge below units focusing on key skills needed to be covered AMM Unit 10 - Grouping and Sharing (2 weeks)/WR Sum Block 4 - Sharing and Grouping (2 weeks) Songs/Rhymes - Baa Baa Black Sheep, Old McDonald Books - <i>The Last Marshmallow</i> - Grace Lin, <i>The Squirrels Who Squabbled</i> - Rachel Bright, <i>One Hungry Cat</i> - Joanne Rocklin, <i>The Doorbell Rang</i> - Pat Hutchins, <i>Ness the Nurse</i> - Nick Sharratt, <i>The Gingerbread Man</i> , <i>Bean Thirteen</i> - Matthew McElligott, <i>Missing Mittens</i> - Stuart J Murphy, <i>Alison Hubble</i> - Allan Ahlberg	AMM Unit 12 - Doubling and Halving (1 week) Songs/Rhymes - Little Boy Blue		Merge below units focusing on key skills needed to be covered AMM Unit 16 - Number patterns beyond 20 (1 week)/WR Sum Block 1 - To 20 and beyond (2 weeks) Songs/Rhymes - Dingle Dangle Scarecrow Books - <i>Anno's Counting Book</i> - Mitsumasa Anno, <i>Monster Counting Book 1 to 20</i> - Frances Mackay, <i>13 Ways to Eat a Fly</i> - Sue Heavenrich, <i>The Real Princess</i> - Brenda Williams, <i>One Moose</i> , <i>Twenty Mice</i> - Claire Beaton, <i>20 Big Trucks in the Middle of the Street</i> - Mark Lee, <i>Jack the Builder</i> - Stuart J Murphy, <i>Monster Math</i> - Anne Miranda, <i>1 is One</i> - Tasha Tudor		Not achieved ELG - further consolidation of ELG objectives ready for Year 1 Achieved ELG - Exploration of other mathematical areas ready for Year 1 AMM Unit 8 - Calendar and Time (1 week)/WR Spr Block 4 Time element Songs/Rhymes - Hickory Dickory Dock Books - <i>Five Minutes' Peace</i> - Jill Murphy, <i>Mr Wolf's Week</i> - Colin Hawkins, <i>A Dark, Dark Tale</i> - Ruth Brown, <i>Jasper's Beanstalk</i> - Nick Butterworth AMM Unit 17 - Money (1 week) Songs/Rhymes - Wheels on the Bus Merge below units focusing on key skills needed to be covered AMM Unit 19 - Exploration of patterns within number/WR Sum Block 5 - Visualise, build and map and Sum Block 6 - Make connections (1 week) Songs/Rhymes - Dingle Dangle Scarecrow Books - <i>I See a Pattern</i> - Bruce Goldstone, <i>Pattern Fish and Pattern Bugs</i> - Trudy Harris, <i>Art Forms in Nature</i> - Ernest Haeckel, <i>Rosie's Walk</i> - Pat Hutchins, <i>What the Ladybird Heard and The Gruffalo</i> - Julia Donaldson, <i>Disney's The Lion King</i> - Justine Korman Fontes, <i>We're Going on a Bear Hunt</i> - Michael Rosen, <i>Cockatoos</i> - Quentin Blake, <i>Martha Maps It Out</i> - Leigh Hodgkinson, <i>In Every House, on Every Street</i> - Jess Hitchman, <i>If I Built a House</i> - Chris Van Dusen, <i>The Secret Path</i> - Nick Butterworth, <i>Me on the Map</i> - John Sweeney, <i>Pirates Love Underpants</i> - Claire Freedman, <i>My Map Book</i> - Sara Fanelli, <i>Little Red Riding Hood</i> , <i>The Once Upon a Time Map Book</i> - B.G. Hennessy, <i>Billy's Bucket</i> - Kes Gray, <i>Mr Gumpy's Outing</i> - John Burningham, <i>How Many Legs?</i> - Kes Gray, <i>Ants Rule: The Long and Short of it</i> - Bob Barner, <i>Mr Achimedes' Bath</i> - Pamela Allen, <i>Who Sank the Boat?</i> - Pamela Allen, <i>You Can't Take an Elephant on the Bus</i> - Patricia Cleveland-Peck	