

Mathematics Long Term Planning

Reception

Term	Area of Maths	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15
A U T U M N	Number	Getting to know you Opportunities for settling in, introducing the areas of provision and getting to know the children.			<u>Match sort and compare</u> Match objects and pictures Identify a set Sort objects to a type Exploring sorting techniques Create sorting rules Compare amounts				<u>It's me 1, 2, 3</u> Find 1, 2 and 3 Subitise 1, 2 and 3 Represent 1, 2 and 3 1 More 1 less Composition of 1, 2 and 3				<u>1, 2, 3, 4, 5</u> Find 4 and 5 Subitise 4 and 5 Represent 4 and 5 1 more 1 less Composition of 4 and 5 Composition of 1-5			
	Measure, Shape and Spatial Thinking				<u>Talk about measure and patterns</u> Compare size, mass and capacity Explore simple patterns Copy and continue simple patterns Create simple patterns						<u>Circles and Triangles</u> Identify and name circles and triangles Compare circles and triangles Shapes in the environment Describe position				<u>Shapes with 4 sides</u> Identify and name shapes with 4 sides Combine shapes with 4 sides Shapes in the environment My day and night	
S P R I N G	Number	<u>Alive in 5</u> Introduce zero Find 0-5 Subitise 0 to 5 Represent 0 to 5 1 more 1less Composition Conceptual subitising to 5			<u>Growing 6, 7, 8</u> Find 6, 7 and 8 Represent 6, 7 and 8 1 more 1 less Composition of 6, 7 and 8 Make pairs – odd and even Double to 8 (find a double) Double to 8 (make a double) Combine 2 groups Conceptual subitising				<u>Building 9 and 10</u> Find 9 and 10 Compare numbers to 10 Represent 9 and 10 Conceptual subitising to 10 1 more 1 less Composition to 10 Bonds to 10 (2 parts) Make arrangements of 10 Bonds to 10 (3 parts) Doubles to 10 (find a double) Doubles to 10 (make a double) Explore even and odd							
	Measure, Shape and Spatial Thinking	<u>Mass and Capacity</u> Compare mass Find a balance Explore capacity Compare capacity			<u>Length, Height and Time</u> Explore and compare length Explore and compare height Talk about time Order and sequence time											

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S U M M E R	Number	<u>To 20 and beyond</u> Build numbers beyond 10 (10-13) Continue patterns beyond 10 (10-13) Build numbers beyond 10 (14-20) Continue patterns beyond 10 (14-20) Verbal counting beyond 20 Verbal counting patterns			<u>How many now?</u> Add more How many did I add? Take away How many did I take away?		<u>Sharing and Grouping</u> Explore sharing Sharing Explore grouping Grouping Even and odd sharing Play and build doubles		MS+ST (Taught by Mrs W) <u>Visualise build and map</u> Identify units of repeating patterns Create own pattern rules Explore own pattern rules Replicate and build scenes and constructions Visualise from different positions Describe positions Give instructions to build Explore mapping Represent maps with models Create own maps from familiar places Create own maps and plans from story situations				<u>Make connections</u> Deepen understanding Patterns and relationships		Consolidation		
	Measure, Shape and Spatial Thinking	<u>Explore 3D Shapes</u> Recognise and name 3D shapes Find 2D shapes within 3D shapes Use 3D shapes for tasks 3D shapes in the environment Identify more complex patterns Copy and continue patterns Patterns in the environment							<u>Manipulate, Compose and Decompose</u> Select shapes for a purpose Rotate shapes Manipulate shapes Explain shape arrangements Compose shapes Decompose shapes Copy 2D pictures Find 2D shapes within 3D shapes								