

Thurgoland Church of England School Reception Long Term plan MATHS -Number

	AUTUMN 1		AUTUMN 2		SPRING 1		SPRING 2		Summer 1	SUMMER 2			
	September	October	November	December	January	February	March	April	May	June	July		
Maths number	<p>Three and Four-Year Olds will be learning to</p> <ul style="list-style-type: none"> • Develop fast recognition of up to 3 objects, without having to count them individually ('subitising'). • Recite numbers past 5. • Say one number for each item in order: 1,2,3,4,5. • Know that the last number reached when counting a small set of objects tells you how many there are in total ('cardinal principle'), • Show 'finger numbers' up to 5, • Link numerals and amounts: for example, showing the right number of objects to match the numeral, up to 5, • Experiment with their own symbols and marks as well as numerals, • Solve real world mathematical problems with numbers up to 5, • Compare quantities using language: 'more than', 'fewer than'. 			<p>Children in Reception will be learning to</p> <ul style="list-style-type: none"> • Count objects, actions and sounds, • Subitise, • Link the number symbol (numeral) with its cardinal number value, • Count beyond ten, • Compare numbers, • Understand the 'one more than/one less than' relationship between consecutive numbers, • Explore the composition of numbers to 10, • Automatically recall number bonds for numbers 0–10 					<p>ELG - Children at the expected level of development will</p> <ul style="list-style-type: none"> • Have a deep understanding of number to 10, including the composition of each number, • Subitise (recognise 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. 				
Mathematics numerical pattern	<p>Three and Four Year Olds will be learning to</p> <ul style="list-style-type: none"> • Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language: 'sides', 'corners'; 'straight', 'flat', 'round', • Understand position through words alone, • Describe a familiar route, • Discuss routes and locations, using words like 'in front of' and 'behind', • Make comparisons between objects relating to size, length, weight and capacity, • Select shapes appropriately: flat surfaces for building, a triangular prism for a roof etc. • Combine shapes to make new ones - an arch, a bigger triangle etc. • Talk about and identify the patterns around 			<p>Children in Reception will be learning to</p> <ul style="list-style-type: none"> • Select, rotate and manipulate shapes in order to develop spatial reasoning skills, • Compose and decompose shapes so that children recognise a shape can have other shapes within it, • Continue, copy and create repeating patterns, • Compare length, weight and capacity. 					<p>ELG - Children at the expected level of development will</p> <ul style="list-style-type: none"> • 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, • Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally. 				

	<p>them. For example: stripes on clothes, designs on rugs and wallpaper. Use informal language like 'pointy', 'spotty', 'blobs' etc. Extend and create ABAB patterns – stick, leaf, stick, leaf. Notice and correct an error in a repeating pattern. Begin to describe a sequence of events, real or fictional, using words such as 'first', 'then...'</p>										
White Rose maths	Getting to Know You	Phase 1 Just Like Me Match and Sort Compare Amounts Compare size, mass and capacity Exploring Pattern	Phase 2 It's Me 1,2,3 Circle and Triangles Positional Language	Phase 3 Light & Dark Shapes with 4 sides Time	Phase 4 Alive in 5 Introducing zero Comparing numbers to 5 Composition of 4 & 5 Compare Mass Compare Capacity	Phase 5 Growing 6,7,8 6, 7 & 8 Making pairs Combining 2 groups Length & Height Time	Phase 6 Building 9 & 10 9 & 10 Comparing numbers to 10 Bonds to 10 D-shape Pattern (2)	Phase 7 On the Move	Phase 8 Superhero to 20 & beyond	Phase 9 First then Now	Phase 10 Find my Pattern
Story links		<p>Monkey Puzzle – Julia Donaldson The Button Box – M. Reid Frog & Toad: A lost Button – Arnold Lobel A Squash and a Squeeze – Julia Donaldson Seaweed Soup – Stuart Murphy The Enormous Turnip Where's my Teddy? &</p>	<p>Monkey Puzzle – Julia Donaldson The Button Box – M. Reid Frog & Toad: A lost Button – Arnold Lobel A Squash and a Squeeze – Julia Donaldson Seaweed Soup – Stuart Murphy The Enormous Turnip Where's my Teddy? & It's the Bear – Jez</p>	<p>Monkey Puzzle – Julia Donaldson The Button Box – M. Reid Frog & Toad: A lost Button – Arnold Lobel A Squash and a Squeeze – Julia Donaldson Seaweed Soup – Stuart Murphy The Enormous Turnip Where's my Teddy? &</p>	<p>Monkey Puzzle – Julia Donaldson The Button Box – M. Reid Frog & Toad: A lost Button – Arnold Lobel A Squash and a Squeeze – Julia Donaldson Seaweed Soup – Stuart Murphy The Enormous Turnip Where's my Teddy? &</p>	<p>Monkey Puzzle – Julia Donaldson The Button Box – M. Reid Frog & Toad: A lost Button – Arnold Lobel A Squash and a Squeeze – Julia Donaldson Seaweed Soup – Stuart Murphy The Enormous Turnip Where's my Teddy? &</p>	<p>Monkey Puzzle – Julia Donaldson The Button Box – M. Reid Frog & Toad: A lost Button – Arnold Lobel A Squash and a Squeeze – Julia Donaldson Seaweed Soup – Stuart Murphy The Enormous Turnip Where's my Teddy? &</p>				

		<p>It's the Bear – Jez Alborough Dear Zoo – Rod Campbell A New House for a Mouse- Petr Horacek Mr Big – Ed Vere My cat likes to hide in boxes – Eve Sutton</p>	<p>Alborough Dear Zoo – Rod Campbell A New House for a Mouse- Petr Horacek Mr Big – Ed Vere My cat likes to hide in boxes – Eve Sutton</p>	<p>It's the Bear – Jez Alborough Dear Zoo – Rod Campbell A New House for a Mouse- Petr Horacek Mr Big – Ed Vere My cat likes to hide in boxes – Eve Sutton</p>	<p>It's the Bear – Jez Alborough Dear Zoo – Rod Campbell A New House for a Mouse- Petr Horacek Mr Big – Ed Vere My cat likes to hide in boxes – Eve Sutton</p>	<p>It's the Bear – Jez Alborough Dear Zoo – Rod Campbell A New House for a Mouse- Petr Horacek Mr Big – Ed Vere My cat likes to hide in boxes – Eve Sutton</p>	<p>It's the Bear – Jez Alborough Dear Zoo – Rod Campbell A New House for a Mouse- Petr Horacek Mr Big – Ed Vere My cat likes to hide in boxes – Eve Sutton</p>				
<p>Provision</p> <p>Adult led/inspired activities</p>	<p>DETAILS ON WEEKLY PLAN</p> <p>DETAILS ON WEEKLY PLAN</p>										