Reception Maths Long Term Overview New White Rose Schemes

This overview is designed to run alongside the New Reception White Rose Schemes of Learning found here. The scheme, which is broken into blocks, has been mapped across the academic year and reflects the content covered in the schemes of learning. These long-term overviews show the block and the small steps which have been plotted into specific weeks. There is also the vocabulary that should be taught, which matches the vocabulary progression documents available in the Maths area of ReachIn.

Within certain weeks, there is also reference to applicable Numberblocks videos that can be used to help facilitate children's understanding of early number. A link to these videos can be found here. There are also linkable text listed for each block.

Consolidation weeks have also been put in at certain times to accommodate any revisiting of content already taught or as buffers for if, and when, units overrun due to AFL/trips etc. They also provide you with flexibility should you want to dedicate more time to specific focuses. This document is also fully editable so topics can be moved around or lengthened if necessary and to accommodate different term lengths. This also allows topics to be moved to coincide with wider curriculum themes that are being taught throughout the year.

Maths Long-term overview Reception

Autumn 1	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Block	**Getting to know you**	**Getting to know you**	**1. Match, sort and compare**	**1. Match, sort and compare**	**2. Talk about measures and Patterns**	**2. Talk about measures and Patterns**	**Consolidation**
Mental Maths	**Mental Maths** **Chanting numbers** **Touch and point while counting on a number line** **Days of the week** **Months of the year**	**Mental Maths** **Chanting numbers** **Touch and point while counting on a number line** **Days of the week** **Months of the year**	**Mental Maths** **Chanting numbers** **Touch and point while counting on a number line** **Days of the week** **Months of the year**	**Mental Maths** **Chanting numbers** **Touch and point while counting on a number line** **Days of the week** **Months of the year**	**Mental Maths** **Chanting numbers** **Touch and point while counting on a number line** **Days of the week** **Months of the year**	**Mental Maths** **Chanting numbers** **Touch and point while counting on a number line** **Days of the week** **Months of the year**	**Mental Maths** **Chanting numbers** **Touch and point while counting on a number line** **Days of the week** **Months of the year**
Small Steps	**Baseline and transition** **Key times of the day** **Positional language** **Where do things belong** **ETC** **Mental Maths** **Chanting numbers** **Touch and point while counting on a number line**	**Baseline and transition** **Key times of the day** **Positional language** **Where do things belong** **ETC** **Mental Maths** **Chanting numbers** **Touch and point while counting on a number line**	1) Match objects 2) Match pictures and objects 3) Identify a set **Mental Maths** **Chanting numbers** **Touch and point while counting on a number line**	4) Sort objects to a type 5) Explore sorting techniques 6) Creating sorting rules 7) Compare amounts **Mental Maths** **Chanting numbers** **Touch and point while counting on a number line**	1) Compare size 2) Compare mass 3) Compare capacity **Mental Maths** **Chanting number 0-20** **Touch and count 1-10**	4) Explore simple patterns 5) Copy and continue simple patterns 6) Create simple patterns **Mental Maths** **Chanting number 0-20** **Touch and count 1-10**	This week can be used to consolidate learning the children struggled with during the autumn term or revisit and extend concepts already taught This week could also act as buffer for any units that needed to be extended due to AFL or can be used to start the next half terms content.
Number Blocks Videos							
Linkable Texts			***A Pair of Socks*** by Stuart J. Murphy ***Seaweed Soup*** by Stuart J. Murphy ***The Button Box*** by Margarette S. Reid ***Beep Beep, Vroom Vroom!*** by Stuart J. Murphy	***A Pair of Socks*** by Stuart J. Murphy ***Seaweed Soup*** by Stuart J. Murphy ***The Button Box*** by Margarette S. Reid ***Beep Beep, Vroom Vroom!*** by Stuart J. Murphy	***Where's My Teddy?*** by Jez Alborough ***It's the Bear!*** by Jez Alborough ***The Blue Balloon*** by Mick Inkpen ***Dear Zoo*** by Rod Campbell ***My First Book of Patterns*** by Bobby and June George ***We're Going on a Bear Hunt*** by Michael Rosen ***A-B-A-B-A – A Book of Pattern Play*** by Brian P. Cleary	***Where's My Teddy?*** by Jez Alborough ***It's the Bear!*** by Jez Alborough ***The Blue Balloon*** by Mick Inkpen ***Dear Zoo*** by Rod Campbell ***My First Book of Patterns*** by Bobby and June George ***We're Going on a Bear Hunt*** by Michael Rosen ***A-B-A-B-A – A Book of Pattern Play*** by Brian P. Cleary	
Vocabulary (year group specific)			compare describe same as different match identical more than less than equal sort	compare describe same as different match identical more than less than equal sort	mass compare measure weight heavy, heavier, heaviest light, lighter, lightest capacity compare measure full	pattern copy continue repeat construct/create	

			sorting recognise	sorting recognise	empty half full nearly full nearly empty tall thin narrow wide shallow		

Autumn 2	**Week 1**	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**	**Week 7**
Block	**3. It's me 1,2,3!**	**3.It's me 1,2,3!**	**4. Circles and triangles**	**5. 1,2,3,4,5**	**5. 1,2,3,4,5**	**6. Shapes with 4 sides**	**Consolidation**
Mental Maths	**Mental Maths** **Chanting numbers, forwards and backwards** **Touch and point while counting on a number line** **Count things that cannot be touched**	**Mental Maths** **Chanting numbers, forwards and backwards** **Touch and point while counting on a number line** **Count things that cannot be touched**	**Mental Maths** **Chanting numbers, forwards and backwards** **Touch and point while counting on a number line** **More/less**	**Mental Maths** **Chanting numbers, forwards and backwards** **Touch and point while counting on a number line** **2D shapes** **Days of the week** **Months of the year**	**Mental Maths** **Chanting numbers, forwards and backwards** **Touch and point while counting on a number line** **Subitising**	**Mental Maths** **Chanting numbers, forwards and backwards** **One more, one less**	**Mental Maths** **Chanting numbers, forwards and backwards** **One more, one less** **2D shapes** **Subitising** **Days of the week** **Months of the year**
Small Steps	1) Find 1, 2 and 3 2) Subitise 1, 2 and 3 3) Represent 1, 2 and 3	4) 1 more 5) 1 less 6) Composition of 1, 2 and 3	1) Identify and name circles and triangles 2) Compare circles and triangles 3) Shapes in the environment 4) Describe position	1) Find 4 and 5 2) Subitise 4 and 5 3) Represent 4 and 5	4) 1 more 5) 1 less 6) Composition of 4 and 5 7) Composition of 1-5	1) Identify and name shapes with 4 sides 2) Combine shapes with 4 sides 3) Shapes in the environment 4) My day and night	This week can be used to consolidate learning the children struggled with during the autumn term or revisit and extend concepts already taught This week could also act as buffer for any units that needed to be extended due to AFL or can be used to start the next half terms content. You could also extend my day and night into this week if you wanted to do an entire week on Shapes with 4 sides. You could also spend additional time on describing position.
Number Blocks Videos	S1 Episodes 1 (One) S1 Episodes 2 (Another One) S1 Episodes 3 (Two) S1 Episodes 4 (Three) S1 Episodes 5 (One, Two, Three! S1 Episode 8 (Three Little Pigs)	S1 Episodes 1 (One) S1 Episodes 2 (Another One) S1 Episodes 3 (Two) S1 Episodes 4 (Three) S1 Episodes 5 (One, Two, Three! S1 Episode 8 (Three Little Pigs)		S1 Episode 6 (Four) S1 Episodes 7 (Five) S1 Episodes 9 (Off We Go!)	S1 Episode 6 (Four) S1 Episodes 7 (Five) S1 Episodes 9 (Off We Go!) S1 Episodes 2 (Another One) S3 Episode 9 (Peekaboo!) Compares numbers to 10 but can be used to 5.	S3 Episode 16 (Flatland)	
Linkable texts	***Anno's Counting Book*** by Mitsumasa Anno ***How to Count to One*** by Caspar Salmon ***Goldilocks and the Three Bears***	***Anno's Counting Book*** by Mitsumasa Anno ***How to Count to One*** by Caspar Salmon ***Goldilocks and the Three Bears***	***Circle, Triangle, Elephant! A Book of Shapes and Surprises*** by Kenji Oikawa and Mayuko Takeuchi ***Triangle*** by Mac Barnett and Jon Klassen	***Witches Four*** by Marc Brown ***Five Little Fiends*** by Sarah Dyer	***Witches Four*** by Marc Brown ***Five Little Fiends*** by Sarah Dyer	***Bear in a Square*** by Stella Blackstone ***Square*** by Mac Barnett and Jon Klassen ***Shapes, Shapes, Shapes*** by Tana Hoban	

	The Gingerbread Man ***A Squash and a Squeeze*** by Julia Donaldson ***The Three Billy Goats Gruff***	***The Gingerbread Man*** ***A Squash and a Squeeze*** by Julia Donaldson ***The Three Billy Goats Gruff***	***Shapes, Shapes, Shapes*** by Tana Hoban ***We're Going on a Bear Hunt*** by Michael Rosen ***Rosie's Walk*** by Pat Hutchins		***Pete the Cat and his Four Groovy Buttons*** by Eric Litwin ***Kipper's Birthday*** by Mick Inkpen ***The Very Hungry Caterpillar*** by Eric Carle ***Stella to Earth!*** by Simon Puttock and Philip Hopman ***Anno's Counting Book*** by Mitsumasa Anno	***Pete the Cat and his Four Groovy Buttons*** by Eric Litwin ***Kipper's Birthday*** by Mick Inkpen ***The Very Hungry Caterpillar*** by Eric Carle ***Stella to Earth!*** by Simon Puttock and Philip Hopman ***Anno's Counting Book*** by Mitsumasa Anno	***Night Monkey, Day Monkey*** by Julia Donaldson ***The Fox in the Dark*** by Alison Green		
Vocabulary (year group specific)	count count on counting forwards backwards numerals order/ordinal subitise compare different same as equal more less more than fewer/less than total altogether	count count on counting forwards backwards numerals order/ordinal subitise compare different same as equal more less more than fewer/less than total altogether part whole	similar different compare flat triangle circle curved straight long/short sides	over under between around through on into next to behind beneath on top of	counting forwards backwards numerals order/ordinal subitise compare different same as equal more less more than fewer/less than total altogether	counting forwards backwards compare different same as more less one more one less altogether how many add/plus take away/minus total altogether part whole	similar different compare flat square rectangle curved straight long/short sides corners	first next after before hour later minutes soon time today week yesterday day tomorrow morning afternoon evening night	

Spring 1	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Block	**7. Alive in Five**	**7. Alive in Five**	**8. Mass and capacity**	**9. Growing 6, 7, 8**	**9. Growing 6, 7, 8**	**10. Length, height, and time**
Mental Maths	**Mental Maths** **Chanting numbers, forwards and backwards** **One more one less** **Shape 2D**	**Mental Maths** **Chanting numbers, forwards and backwards** **One more one less** **Sequencing**	**Mental Maths** **Chanting numbers, forwards and backwards** **Bonds**	**Mental Maths** **Chanting numbers, forwards and backwards** **Bonds** **Days of the week** **Months of the year**	**Mental Maths** **Chanting numbers, forwards and backwards** **One more, one less**	**Mental Maths** **Chanting numbers, forwards and backwards** **Doubling** **Days of the week** **Months of the year**
Small Steps	1) Introduce zero 2) Find 0 to 5 3) Subitise 0 to 5 4) Represent 0 to 5	5) 1 more 6) 1 less 7) Composition 8) Conceptual subitising to 5	1) Compare mass 2) Find a balance 3) Explore capacity 4) Compare capacity	1) Find 6, 7 and 8 2) Represent 6, 7 and 8 3) 1 more 4) 1 less 5) Composition of 6, 7 and 8	6) Make pairs-odd and even 7) Double to 8 (find a double) 8) Double to 8 (make a double) 9) Combine 2 groups 10) Conceptual subitising	1) Explore length 2) Compare length 3) Explore Height 4) Compare Height
Number blocks videos	S3 Episode 5 (Zero) S1 Episode 6 (Four) S1 Episodes 7 (Five) S1 Episodes 9 (Off We Go!) S1 Episodes 2 (Another One)	S1 Episode 6 (Four) S1 Episodes 7 (Five) S1 Episodes 9 (Off We Go!) S3 Episode 9 (Peekaboo!) Compares numbers to 10 but can be used to 5.		S2 Episode 1 (Six) S2 Episode 2 (Seven) S2 Episode 3 (Eight)	S3 Episode 4 (Fruit Salad) S2 Episode 9 (Double Trouble) S4 Episode 4 (Mirror, Mirror)	
Linkable texts	**Zero is the Leaves on the Tree** by Betsy Franco **None the Number** by Oliver Jeffers **Anno's Counting Book** by Mitsumasa Anno **I Spy Numbers** by Jean Marzollo **The Ugly Five** by Julia Donaldson **Five Small Stars** by Elizabeth Matterson and Madge Bugden **Room on the Broom** by Julia Donaldson	**Zero is the Leaves on the Tree** by Betsy Franco **None the Number** by Oliver Jeffers **Anno's Counting Book** by Mitsumasa Anno **I Spy Numbers** by Jean Marzollo **The Ugly Five** by Julia Donaldson **Five Small Stars** by Elizabeth Matterson and Madge Bugden **Room on the Broom** by Julia Donaldson	**Who Sank the Boat?** by Pamela Allen **Balancing Act** by Ellen Stoll Walsh **A Beach for Albert** by Eleanor May **The Blue Balloon** by Mick Inkpen	**Handa's Surprise** by Eileen Browne **Sidney the Silly Who Only Eats 6** by M.W. Penn **Six Dinner Sid** by Inga Moore **1, 2, 3 to the Zoo** by Eric Carle **Kipper's Toybox** by Mick Inkpen **Quack and Count** by Keith Baker **Simon Sock** by Sue Hendra and Paul Linnet **Missing Mittens** by Stuart J. Murphy **Noah's Ark** **Double Dave** by Sue Hendra **Minnie's Diner** by Dayle Ann Dodds **Two of Everything** by Lily Toy Hong **Don't Forget the Bacon!** by Pat Hutchins **The Snail and the Whale** by Julia Donaldson	**Handa's Surprise** by Eileen Browne **Sidney the Silly Who Only Eats 6** by M.W. Penn **Six Dinner Sid** by Inga Moore **1, 2, 3 to the Zoo** by Eric Carle **Kipper's Toybox** by Mick Inkpen **Quack and Count** by Keith Baker **Simon Sock** by Sue Hendra and Paul Linnet **Missing Mittens** by Stuart J. Murphy **Noah's Ark** **Double Dave** by Sue Hendra **Minnie's Diner** by Dayle Ann Dodds **Two of Everything** by Lily Toy Hong **Don't Forget the Bacon!** by Pat Hutchins **The Snail and the Whale** by Julia Donaldson	**Superworm** by Julia Donaldson **Actual Size** by Steven Jenkins **Prehistoric Actual Size** by Steve Jenkins **Jim and the Beanstalk** by Raymond Briggs **I Can Only Draw Worms** by Will Mabbitt **Titch** by Pat Hutchins **Tall** by Jez Alborough **The Giraffe Who Got in a Knot** by Paul Geraghty **A Pig is Big** –by Douglas Florian **Is a Blue Whale the Biggest Thing There Is?** By Robert E Wells

Vocabulary (year group specific)	zero numerals order/ordinal subitise compare different same as equal more less more than fewer/less than total represent	numerals same as equal less one less more one more more than fewer/less than total altogether represent part whole	mass compare balance scale measure weight heavy, heavier, heaviest light, lighter, lightest	capacity compare measure full empty half full nearly full nearly empty tall thin narrow wide shallow	compare combine groups altogether total part whole add/plus less one less taking away more one more count on represent	compare combine groups altogether total part whole add/plus count on	compare measure length distance long(er)(est) big (er) (est) wide(r) narrow(er) closer further	compare measure height short (er) (est) tall(er)(est) big (er) (est)

Spring 2	**Week 1**	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**
Block	**10. Length, height and time**	**11. Building 9 & 10**	**11. Building 9 & 10**	**11. Building 9 & 10**	**12. Explore 3D Shapes**	**12. Explore 3D Shapes**
	Mental Maths **Chanting numbers, forwards and backwards** **Doubling** **Days of the week** **Months of the year**	**Mental Maths** **Chanting numbers, forwards and backwards** **Doubling**	**Mental Maths** **Chanting numbers, forwards and backwards** **Subitising**	**Mental Maths** **Chanting numbers, forwards and backwards** **Explore odd and even** **Bonds**	**Mental Maths** **Chanting numbers, forwards and backwards** **Subitising** **2D/3D**	**Mental Maths** **Chanting numbers, forwards and backwards** **Bonds** **2D/3D**
Small Steps	5) Talk about time 6) Order and sequence time	1) Find 9 and 10 2) Compare numbers to 10 3) Represent 9 and 10 4) Conceptual subitising to 10	5) 1 more 6) 1 less 7) Composition to 10 8) Bonds to 10 (2 parts) 9) Make arrangements of 10	10) Bonds to 10 (3 parts) 11) Doubles to 10 (find a double) 12) Doubles to 10 (makes a double) 13) Explore odd and even	1) Recognise and name 3-D shapes 2) Find 2-D shapes within 3-D shapes 3) Use 3-D shapes for tasks 4) 3-D shapes in the environment	5) Identify more complex patterns 6) Copy and continue patterns 7) Patterns in the environment
Number block videos		S2 Episode 4 (Nine) S2 Episodes 5 (Ten) S3 Episode 9 (Peekaboo!)	S3 Episode 15 (Ten Again) S1 Episode 12 (The Whole of Me) S3 Episode 4 (Fruit Salad) S2 Episode 7 (Blast off)	S2 Episode 9 (Double Trouble) S4 Episode 4 (Mirror, Mirror) S2 Episodes 11 (Odd & Evens)		S4 Episode 2 (Pattern Palace)
Linkable texts	**Five Minutes Peace** by Jill Murphy **Mr Wolf's Week** by Colin Hawkins **A Dark, Dark Tale** by Ruth Brown **Jasper's Beanstalk** by Nick Butterworth	**Nine Naughty Kittens** by Linda M. Jenkins **Ten Little Fingers and Ten Little Toes** by Mem Fox **Cockatoos** by Quentin Blake **How Do Dinosaurs Count to Ten?** By Jane Yolen **The 'Ten Little..' series** by Mike Brownlow **Anno's Counting Book** by Mitsumasa Anno	**One Duck Stuck** by Phyllis Root **Mount Count** by Ellen Stoll Walsh **Ten in the Bed** by Penny Dale **The 'Ten Little..' series** by Mike Brownlow **One Gorilla** by Anthony Browne **Mr Willy-Nilly and Zoey's Dream** by Ji-yun Shin **Pete the Cat and the Missing Cupcakes** by Kimberly and James Dean **Ten Black Dots** by Donald Crews	**Ten Black Dots** by Donald Crews **Two of Everything** by Babette Cole **Double the Ducks** by Stuart J. Murphy **One Odd Day** by Doris Fisher and Dani Sneed	**Circle! Sphere!** by Grace Lin **Changes, Changes** by Pat Hutchins **Naughty Bus** by Jan Oke Rapunzel **Kitten Castle** by Ellen Weiss and Mel Friedman **Shapes, Shapes, Shapes** by Tana Hoban	**Pattern Fish** by Trudy Harris **Pattern Bugs** by Trudy Harris **Busy, Busy, Busy** by Haneul Ddang **The Leopard's Drum** by Jessica Souhami **Jamil's Clever Cat** by Fioan French with Dick Newby

Vocabulary (year group specific)	first next after later soon minute hour time today yesterday tomorrow day morning afternoon evening night week	numerals order/ordinal subitise compare different same as equal more less more than fewer/less than total altogether	compare combine number bonds part whole less one less more one more total altogether add/plus	numerals number bonds compare different same as equal doubles odd even	similar different compare flat curved straight long/short corner Introduce some 3D shapes, such as sphere cone cube cuboid pyramid cylinder	pattern copy continue repeat construct/create

Summer 1	**Week 1**	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**
Block	**Consolidation week**	**13. To 20 and beyond**	**13. To 20 and beyond**	**14. How many now?**	**15. Manipulate, compose and decompose**	**15. Manipulate, compose and decompose**
	Mental Maths **Chanting numbers, forwards and backwards** **Subitising** **One more one less** **Days of the week** **Months of the year**	**Mental Maths** **Chanting numbers, forwards and backwards** **Subitising** **One more one less** **Bonds**	**Mental Maths** **Chanting numbers, forwards and backwards** **Subitising** **One more one less** **Bonds**	**Mental Maths** **Chanting numbers, forwards and backwards** **Subitising** **Oral rehearsal of symbols +/-/= and associated vocab e.g. more/less**	**Mental Maths** **Chanting numbers, forwards and backwards** **Subitising** **Oral rehearsal of symbols +/-/= and associated vocab e.g. more/less**	**Mental Maths** **Chanting numbers, forwards and backwards** **2D/3D** **Oral rehearsal of symbols +/-/= and associated vocab e.g. more/less** **Days of the week** **Months of the year**
Small Steps	This week can be used to consolidate learning the children struggled with during the spring term or revisit and extend concepts already taught This week could also act as buffer as there was a lot of content to cover in Spring so you may with to cover it more slowly and therefore use this week for some of the small steps	1) Build numbers beyond 10 (10-13) 2) Continue patterns beyond 10 (10-13) 3) Build numbers beyond 10 (14-20)	4) Continue patterns beyond 10 (14-20) 5) Verbal counting beyond 20 6) Verbal counting patterns	1) Add more 2) How many did I add? 3) Take away 4) How many did I take away?	1) Select shapes for a purpose 2) Rotate shapes 3) Manipulate shapes 4) Explain shape arrangements	5) Compose shapes 6) Decompose shapes 7) Copy 2-D shape pictures 8) Find 2-D shapes within 3-D shapes
Number block videos		S3 Episode 21 (Eleven) S3 Episode 22 (Twelve)	S4 Episode 7 (Seventeen) S4 Episode 8 (Eighteen)	S2 Episode 13 (The Two Tree)		

		S3 Episode 26 (Thirteen) S3 Episode 27 (Fourteen) S3 Episode 28 (Fifteen) S4 Episode 5 (Sixteen)	S4 Episode 10 (Nineteen) S4 Episode 11 (Twenty) S4 Episode 14 (I can count to 20)	S2 Episode 14 (Numberblock Castle) S2 Episode 15 (Ten Green Bottles) S3 Episode 12 (Numberblock Rally) S1 Episode 14 (Holes)		
Linkable texts		**Anno's Counting Book** by Misumasa Anno **Monster Counting Book 1 to 20** by Frances Mackay **13 Ways to Eat a Fly** by Sue Heavenrich **The Real Princess** by Brenda Williams **One Moose, Twenty Mice** by Claire Beaton **20 Big Trucks in the Middle of the Street** by Mark Lee **Jack the Builder** by Stuart J. Murphy	**Anno's Counting Book** by Misumasa Anno **Monster Counting Book 1 to 20** by Frances Mackay **13 Ways to Eat a Fly** by Sue Heavenrich **The Real Princess** by Brenda Williams **One Moose, Twenty Mice** by Claire Beaton **20 Big Trucks in the Middle of the Street** by Mark Lee **Jack the Builder** by Stuart J. Murphy	**Mouse Count** by Ellen Stoll Walsh **One Ted Falls out of Bed** by Julia Donaldson **My Granny Went to Market** by John Burningham **Splash!** By Ann Jonas **Tad** by Benji Davies **The Shopping Basket** by John Burningham	**Big Box of Shapes** by Wiley Blevins **Which One Doesn't Belong?** By Christopher Danielson **My Grumpy's Motor Car** by John Burningham **Tangram Car** by Maranke Rinck and Martijn van der Linden **Theree Pigs, One Wolf, and Seven Magic Shapes** by Grace Maccarone **Mouse Shapes** by Ellen Stoll Walsh **Pezzettino** by Leo Lionni **Jack and the Flumflum Tree** by Julia Donaldson **Perfect Square** by Michael Hall **Grandpa's Quilt** by Betsy Franco **Colour Zoom** by Lois Ehlert **Cubes, Cones, Cylinders & Speres** by Tana Hoban **Boxitects** by Kim Smith	**Big Box of Shapes** by Wiley Blevins **Which One Doesn't Belong?** By Christopher Danielson **My Grumpy's Motor Car** by John Burningham **Tangram Car** by Maranke Rinck and Martijn van der Linden **Theree Pigs, One Wolf, and Seven Magic Shapes** by Grace Maccarone **Mouse Shapes** by Ellen Stoll Walsh **Pezzettino** by Leo Lionni **Jack and the Flumflum Tree** by Julia Donaldson **Perfect Square** by Michael Hall **Grandpa's Quilt** by Betsy Franco **Colour Zoom** by Lois Ehlert **Cubes, Cones, Cylinders & Speres** by Tana Hoban **Boxitects** by Kim Smith
Vocabulary (year group specific)		numbers to 20 order/ordinal counting numeral digit one more backwards missing number continue patterns repeat	numbers to 20 order/ordinal counting numeral digit one more backwards missing number continue patterns repeat	order/ordinal counting more add/plus taking away/minus numeral digit bigger smaller total altogether In context of Maths stories: first then now	2-D shape 3-D shape similar different compare turn rotate flip flat square triangle rectangle circle compose	2-D shape 3-D shape similar different compare turn rotate flip flat square triangle rectangle circle compose

Summer 2	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Block	**16. Sharing and grouping**	**16. Sharing and grouping**	**Mental Maths Week**	**17. Visualise, build and map**	**17. Visualise, build and map**	**17. Visualise, build and map**	**18. Make connections**
	Mental Maths + **Chanting numbers, forwards and backwards** **Oral rehearsal of symbols +/-/= and associated vocab e.g. more/less** **Bonds** **Days of the week** **Months of the year**	**Mental Maths +** **Chanting numbers, forwards and backwards** **Oral rehearsal of symbols +/-/= and associated vocab e.g. more/less** **Bonds** **Halving**	**Mental Maths +** **Chanting numbers, forwards and backwards** **Subitising** **Oral rehearsal of symbols +/-/= and associated vocab e.g. more/less** **Bonds** **Doubling** **100 squares** **Missing numbers** **Sequencing** **Halving** **Days of the week** **Months of the year**	**Mental Maths +** **Chanting numbers, forwards and backwards** **Oral rehearsal of symbols +/-/= and associated vocab e.g. more/less** **Bonds** **Subitising** **100 squares**	**Mental Maths +** **Chanting numbers, forwards and backwards** **Oral rehearsal of symbols +/-/= and associated vocab e.g. more/less** **Bonds** **Subitising** **100 squares**	**Mental Maths +** **Chanting numbers, forwards and backwards** **Oral rehearsal of symbols +/-/= and associated vocab e.g. more/less** **Bonds** **Subitising** **100 squares**	**Mental Maths +** **Chanting numbers, forwards and backwards** **Oral rehearsal of symbols +/-/= and associated vocab e.g. more/less** **Bonds** **Subitising** **100 squares**
Small Steps	1) Explore sharing 2) Sharing 3) Explore grouping	4) Grouping 5) Even and odd sharing 6) Play with and build doubles		1) Identify units of repeating patterns 2) Create own pattern rules 3) Explore own pattern rules 4) Replicate and build scenes and constructions	5) Visualise from different positions 6) Describe positions 7) Give instructions to build	8) Explore mapping 9) Represent maps and models 10) Create own maps from familiar places 11) Create own maps and plans from story situations	1) Deepen understanding 2) Patterns and relationships
Number block videos	S4 Episode 21 (The lair of share) S2 Episode 8 (Counting Sheep)	S2 Episode 9 (Double Trouble) S4 Episode 4 (Mirror, Mirror) S2 Episodes 11 (Odd & Evens)					
Linkable texts	**The Last Marshmallow** by Grace Lin **The Squirrels Who Squabbled** by Rachel Bright **One Hungry Cat** by Joanne Rocklin **Ness the Nurse** by Nick Sharratt **The Gingerbread Man** **Bean Thirteen** by Matthew McElligott **Missing Mittens** by Stuart J. Murphy **Alison Hubble** by Allan Ahlberg	**The Last Marshmallow** by Grace Lin **The Squirrels Who Squabbled** by Rachel Bright **One Hungry Cat** by Joanne Rocklin **Ness the Nurse** by Nick Sharratt **The Gingerbread Man** **Bean Thirteen** by Matthew McElligott **Missing Mittens** by Stuart J. Murphy **Alison Hubble** by Allan Ahlberg		**I See Pattern Here** by Bruce Goldstone **Pattern Fish and Pattern Bugs** by Trudy Harris **Art Forms in Nature** by Ernest Haeckel **What the Ladybird Heard** and **The Gruffalo** by Julia Donaldson **Disney's The Lion King** by Justine Korman Fontes **We're Going on a Bear Hunt** by Michael Rosen **Cocckatoos** by Quentin Blake	**I See Pattern Here** by Bruce Goldstone **Pattern Fish and Pattern Bugs** by Trudy Harris **Art Forms in Nature** by Ernest Haeckel **What the Ladybird Heard** and **The Gruffalo** by Julia Donaldson **Disney's The Lion King** by Justine Korman Fontes **We're Going on a Bear Hunt** by Michael Rosen **Cocckatoos** by Quentin Blake	**I See Pattern Here** by Bruce Goldstone **Pattern Fish and Pattern Bugs** by Trudy Harris **Art Forms in Nature** by Ernest Haeckel **What the Ladybird Heard** and **The Gruffalo** by Julia Donaldson **Disney's The Lion King** by Justine Korman Fontes **We're Going on a Bear Hunt** by Michael Rosen **Cocckatoos** by Quentin Blake	**Billy's Bucket** by Kes Gray **Mr Gumpy's Outing** by John Burningham **How Many Legs?** by Kes Gray **Ants Rule: The Long and Short of it** by Bob Barner **Mr Archimedes' Bath** by Pamela Allen **Who Sank the Boat?** by Pamela Allen **You Can't Take an Elephant on the Bus** by Patricia Cleveland-Peck

				Martha Maps It Out by Jess Hitchman **If I Built a House** by Chris Van Dusen **The Secret Path** by Nick Butterworth **Me on the Map** by Joan Sweeney **Pirates Love Underpants** by Claire Freedman **My Map Book** by Sara Fanelli **Little Red Riding Hood** **The Once Upon a Time Map Book** by B.G Hennessey	**Martha Maps It Out** by Jess Hitchman **If I Built a House** by Chris Van Dusen **The Secret Path** by Nick Butterworth **Me on the Map** by Joan Sweeney **Pirates Love Underpants** by Claire Freedman **My Map Book** by Sara Fanelli **Little Red Riding Hood** **The Once Upon a Time Map Book** by B.G Hennessey	**Martha Maps It Out** by Jess Hitchman **If I Built a House** by Chris Van Dusen **The Secret Path** by Nick Butterworth **Me on the Map** by Joan Sweeney **Pirates Love Underpants** by Claire Freedman **My Map Book** by Sara Fanelli **Little Red Riding Hood** **The Once Upon a Time Map Book** by B.G Hennessey	
Vocabulary (year group specific)	share group sharing grouping equal fair unfair total altogether	half/halving share equal fair unfair total altogether odd even doubles doubling		pattern copy continue repeat construct/create over under between around through on into next to behind beneath on top of	pattern copy continue repeat construct/create over under between around through on into next to behind beneath on top of instructions build	map mapping between around on next to behind	Recap vocabulary that is applicable to task and problems being set up within the provision