

Maths Curriculum Map

Reception



	Autumn 1 (7 weeks)	Autumn 2 (8 weeks)	Spring 1 (6 weeks)	Spring 2 (5 weeks)	Summer 1 (6 weeks)	Summer 2 (7 weeks)
Whole-school Theme	<u>Festivals of Colour</u>		<u>Ancient Worlds</u>		Inspirational People	
EYFS Theme	<u>Me & My World</u>	<u>Let's Celebrate</u>	<u>Kings & Queens</u>	<u>Down at the bottom of the Garden</u>	<u>Brilliant Beasts</u>	<u>Happy Holidays!</u>
Characteristics of Effective Learning	Active Learning I keep trying Creative and Critical Thinking I try new things Playing and Exploring I always have a go		Active Learning I can concentrate Creative and Critical Thinking I find ways to solve problems Playing and Exploring I like to pretend and play		Active Learning I am proud of my achievements Creative and Critical Thinking I make links in my learning Playing and Exploring I am interested in the world around me	
Mastering Number Subitising Counting, ordinality & cardinality Composition Comparison	Start week 4 WK 1: Subitising within 3 WK 2: Counting skills WK 3: How numbers are made of 1s Composition of 3 & 4	WK 4: Subitise objects and sounds WK 5: Comparison of sets by looking (more than / less than) WK 6: Counting skills (5) WK 7: Comparison of sets by matching (more than / fewer than equal number) WK 8: Whole and part WK 9: Composition of 3, 4, 5 WK 10: Matching numerals and quantities within 10 verbal counting beyond 20	WK 11: Subitise within 5 (die patterns) Match numerals and quantities within 5 WK 12: Counting (ordinality) One more WK 13: Focus on 5 WK 14: 6 & 7 – 5 as a bit WK 15: Compare sets (more than, less than, equal number to) WK 16: Pattern & ordering numbers	WK 17: Ordering numbers to 8 Use language of less than WK 18: Composition of 7 WK 19: Doubles WK 20: Sorting numbers, odds and evens Revision Week / Assessment	WK 21: Counting – larger sets Wk 22: subitise to 6 Wk 23: composition 5 and a bit Wk 24: composition of 10 Wk 25: comparison linked to ordinality Revision Week / Assessment	Wk 26: subitise to 5 Introduce the rekenrek Review & Assess: automatic recall of bonds to 5 Review & Assess: composition of numbers to 10 Review & Assess: comparison Review & Assess: number patterns Review & Assess: Counting
Maths Teaching concepts	Introduction Match sort and compare Measure Patterns	It's me 1 2 3 Circles and Triangles 1 2 3 4 5 Shapes with 4 sides	Alive in 5 Mass and Capacity Growing 6 7 8	Length, height, time Building 9 and 10 3-D Shapes	To 20 and beyond How many now? Manipulate, compose decompose	Sharing & Grouping Visualise, build & map Make connections Consolidation

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Maths Core Texts	A pair of socks The button box Walter's Wonderful web Seaweed soup We're going on a bear hunt Dear Zoo If the shoe fits Pattern fish Pattern Bugs The napping house	Goldilocks and the three bears The Three Billy Goats The Three Little Pigs We're going on a bear hunt Rosie's walk Kipper's Birthday The very Hungry Caterpillar Anno's Counting book Bear in a square Night Monkey, Day Monkey	None the numbers The ugly five A beach for Albert Balancing Act Room for Ripley Six dinner Sid Kipper's toybox Simon Sock The snail and the whale	Superworm Jim and the beanstalk Jasper's beanstalk Ten little fingers & 10 toes double the ducks one odd day One Fox Anno's counting book The Napping house Ten in the bed Hippo's go berserk shapes, shapes, shapes pattern fish Pattern bugs	One is a snail, 10 is a crab Monster counting 1-20 Anno's counting book One Moose, twenty mice Jack the builder Mouse count Mr Grumpy's outing Tad The shopping basket My Granny went to the market Which one doesn't belong Mr Grumpy's motor car Mouse shapes Perfect square Boxitects	The animals would not sleep The last marshmallow The squirrels who squabbled One Hungry cat The doorbell rang Ness the nurse The Gingerbread Man Bean thirteen Missing mittens Alison Hubble Bears on Chairs Billy's Bucket Mr Grumpy's outing How many legs Ants rule You can't take an elephant on the bus Who sank the boat Mr Archimedes bath
Maths Core Rhyme	Big fish, little fish, cardboard box In and out the dusty bluebells Tongue twisters (red lorry, yellow lorry) Clap your hands and wiggle your fingers	When I was one, I banged my thumb Hickory dickory dock One elephant went out to play three little speckled frogs Three little ducks My hat it has three corners 1 2 3 4 5 once I caught a fish alive One man went to mow Five currant buns five little men in a flying saucer five little speckles frogs five little teddy bears This is the way we brush our teeth	5 little monkeys jumping on the bed Alice the camel One Birthday candle Crocodile splash Five little peas 5 little men in a flying saucer Theres a hole in my bucket One potato, two potato I can sing a rainbow Eight in the bed	Days of the week 10 currant buns One potato, two potato 10 green bottles 10 little men in a flying saucer five eggs and five eggs chuck chuck doubling rhyme	One finger, one thumb keeps moving One two buckle my shoe Catch, catch, catch a fish Ten green bottles Ten currant buns Ten little ducks 2D shape song – YouTube 3D shape song – YouTube	Farmer Pete has lost his sheep Red Lorry, Yellow lorry The Bear went over the Mountain Gonna build a house There's a hole in my bucket
Key Vocabulary	Match, same, sort, different, compare, set, group, share, sorted, more, fewer, less, smaller, bigger, longer, shorter,	Count, altogether, find, group, total, subitise, one more, one less, before, after, number Shape, same, different, sides,	Numeral, counted, represent, different, subitise, altogether, arrangements, represent, number, more than, less than part, part, whole, altogether	Long, short, longest, shortest, same, length, tall, tallest, yesterday, last week, last year, minute, time, days, sleeps, first, then, after	Matching, beyond, estimate, predict, subtract, missing, number patterns, most, least, pair, shape, fill, tangrams	Groups, same, equal, fair, amount, shared, altogether, groups, odd, even, double

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	taller, heavier, lighter, balance, weight, measure, height, mass, capacity Pattern, same, different, continue, finish, next	corners, edges, vertices, circles, triangle, small, large, move, in-front of, behind, Count, altogether, group, many, counting, subitise, different, amount, numeral, one more, one less, pattern, before, after, part, whole Corners, sides, fold, square, rectangle, shape, small, large, combine, join, now next, later, days, morning, night-time	Scales, mass, capacity, balance, how many, predict, heavier, lighter, measuring, more, less, fill, most, least, greatest, smallest Symbol, altogether, after, before, more than, less than, parts, whole, pair, odd, even, same, double, group	How many, altogether, count, more, fewer, same, part, more than, less than, numerals, quantity, bond, double, odd, even, equal, un-equal Shape, flat, faces, curved, surface, 2-D, 3-D, roll, same, different, pattern, continue, next	Counting on, adding more, first, then, next, taking away, less, shapes, right angle, 2-D, tangrams, patterns Shape, complete, size, fit, match, 2D, 3D, corners, sides, faces, arranged, model, create, move, around, under, over, behind, next to, in-front of, smallest, largest, fold, rotate, inside, position	Pattern, continue, repeat, unit, rule, comes next, build, different, same, next to, above, below, move, position, in-front, behind, follow, map, first. Number story, strategy, altogether, worked, decided, because.
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Links to other Areas of Learning (see thematic overview)	Home corner – Home - measuring bowls, spoons, items in the home - Counting items in the home Workshop area – Cereal box homes to make a street display -- Measurement - Patterns Construction – Children to build different homes (large & small scale) - Measuring - How many are there....? Small World – Woman who lived in a shoe / 3 little pigs - Measuring the buildings - Shapes - Patterns Sand & Water – Capacity, sorting a range of objects / items. - Capacity - Amounts	Home corner – Home - measuring bowls, spoons, items in the home - Counting items in the home Playdoh / Fine Motor - Measuring Construction – Children to build different homes (large & small scale) - Measuring - How many are there....? Small World – Woman who lived in a shoe / 3 little pigs - Measuring the buildings - Shapes - Patterns Sand & Water – Capacity, sorting a range of objects / items. - Capacity - Amounts	Construction – London Landmarks - Shapes to make Landmarks - Measuring size of Landmarks - Amounts? - Patterns in buildings - How many....? Maths – - Pairs - Money Home corner – Counting house / Buckingham Palace - Counting money - Counting amounts - Positional language - Shapes Small World – Landmarks on blocks, - Measuring - Counting amounts - Shapes of buildings EAD – Royal Portraits of Kings & Queens - Size - Shapes	Roleplay – Farm shop / working farm - Measuring the animals - Positional language - Counting the amounts - Money - Sharing the items - Grouping Construction – Children design their own farms - Measuring UTW – Maps - Positional language - Counting streets / buildings / amounts Science – Learn about the jobs the farmer does What the vehicles do. - Measuring sizes - Ordering Maths - Size / measuring of vehicles - Animals on the farm Small world – Farm animals - Counting the animals - Grouping the animals - Patterns - Counting ladybird spots / patterns on minibeasts, stripes	Roleplay – Supermarket / garden centre - Measuring the items / flowers & plants - Counting the amounts - Sharing the items - Money UTW – Planting seeds, bulbs, vegetables, and fruit - Measuring how tall the flowers are going to grow - Sizes of fruit & vegetables - How many / counting? - Counting petals on flowers, buds on trees, shoots - Patterns with flowers / plants Forest School – Look after the garden / planting - Counting the amounts - Sorting - Grouping - Sharing Science – Healthy Eating plate, gardening - Measuring the size of the food - Measuring the height	Roleplay – Rockpool / Beach - Measuring the items - Sorting into size / groups / amounts - Counting the amounts Sand / Water - - Shapes at the seaside - Measuring length, width, height - How many scoops did it take to? - Positional language Small World & Construction – Rock pool, beach - Counting crabs (water area, rock pool) - How many star fish shells etc:??? - Write the number - Days of the week - Patterns Science - Caring for our environment & beach safety & pollution - Positional language - Counting amounts Maths – - Small / big creatures at the sea / rock pool
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