

Broadwood Primary School
Maths Yearly Overview: Nursery

Autumn 1						
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Subitizing 1 – 3						
<p>Number Focus: Rote count pattern, cardinality of 1</p> <p>PSSM Focus: Repeating pattern structure, Colour attributes</p> <p>Story suggestions: Only One Me, Counting books (One Mole Digging a Hole, etc...), Is it red, is it yellow?</p> <p>Context: Routines – registration, milk time, tidy-up time, Stories – recognising & copying language patterns in stories & rhymes</p> <p>Numberblocks link: series 1, episode 1</p>	<p>Number Focus: Counting & Cardinality of 2</p> <p>PSSM Focus: Sets, Repeating pattern structure</p> <p>Story suggestions: A Pair of Socks (SJ Murphy), stories with repeating patterns e.g. Brown Bear Brown Bear, I Went Walking..., Whose Shoes?</p> <p>Context: autumn, change, colour, settling into routines – whole class registration, small group milk, tidy-up time, Stories – recognising & copying language patterns in stories & rhymes</p> <p>Numberblocks link: series 1, episodes 2 & 3</p>			<p>Number Focus: Counting & Cardinality of 3</p> <p>PSSM Focus: 2D shape – triangles, capacity</p> <p>Story suggestions: Shapes, Shapes, Shapes (T Hoban), Goldilocks, 3 Little Pigs,</p> <p>Context: Halloween, routines, tidy-up time, shapes in play, story role-play,</p> <p>Numberblocks link: series 1, episode 4</p>		
Autumn 2						
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Subitizing 1 – 5						
<p>Number Focus: Comparison & Ordinality within 3</p> <p>PSSM Focus: bigger, smaller</p> <p>Story suggestions: Blue Sea (R Kalan), How big is my bear? (igloo books), Is it larger, is it smaller?</p> <p>Context: routines, stories, measuring & comparing own heights</p> <p>Numberblocks link: series 1, episode 5</p>	<p>Number Focus: counting & cardinality of 4</p> <p>PSSM Focus: 2D shape – square, rectangle</p> <p>Story suggestions: I Spy Numbers, Now What?-A Math Tale, Secret Birthday Message</p> <p>Context: Birthdays, Routines, shape hunts, making own number collections in style of ‘I Spy Numbers’ indoors & outdoors</p> <p>Numberblocks link: series 1, episode 6</p>		<p>Number Focus: counting & cardinality of 5, comparison of numbers to 5, substitution</p> <p>PSSM Focus: Growing pattern of 1 - 5</p> <p>Story suggestions: Rooster’s Off to See The World (Eric Carle), Frog in the Bog (K Wilson)</p> <p>Context: Routines, stories & puppets, representing the pattern using puppets, pictures, blocks etc to introduce idea of substitution and to visualise growing pattern...</p> <p>Numberblocks link: series 1, episode 7</p>		<p>Autumn term celebration of maths: ‘Subitizing superstars’</p> <p>Story: Ten Black Dots</p> <p>Display across EYFS with Reception</p>	

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Spring 1						
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Conceptual Subitizing 1 – 6						
<p>Number Focus: Recap subitizing 1-5</p> <p>PSSM Focus: Calendar & days of week, Charts</p> <p>Story Suggestion: Annos counting book</p> <p>Context: New Year, The school day</p> <p>Suggested Activities: Introduce number track calendar, introduce paper chain days of week, daily timetable, weather charts, number talks routine to revisit subitizing</p>	<p>Number Focus: Subitizing dice patterns (introduce 6)</p> <p>PSSM Focus: 2D shapes, perceptual patterns</p> <p>Story Suggestions: Mouse shapes, I Went Walking</p> <p>Context: art link to topic, routines, games, stories, ICT link – shape sort</p> <p>Suggested Activities: dice games with treasure chest egg boxes (6s), shape pictures in style of Mouse Shapes, dominoes, finger perception (youcubed.org), Own Helicopter story – I Went Walking</p> <p>Numberblocks link: series 2, episode 1</p>	<p>Number Focus: Sorting, categorizing, comparison</p> <p>PSSM Focus: Spatial Patterns – extending & describing patterns in nature</p> <p>Story Suggestions: Grey Rabbit’s Odd One Out, Pattern Fish</p> <p>Plus – many, many songs & rhymes to internalise pattern e.g. wheels on the bus, Hokey cokey etc...</p> <p>Context: Chinese new year – animal patterns, Routines – tidy up time</p> <p>Suggested Activities: sorting sets, introduce 1-5 Numicon & ask children to sort/explore/select odd one out, patterning – continuing patterns following rule and describing rule, creating patterns in snow/ice (topic link)</p>	<p>Number Focus: counting sequence 1-5 and stable order principle</p> <p>PSSM Focus: numerical pattern of 1-5, before, after, charts (data analysis)</p> <p>Story Suggestions: Peppa’s Washing Day, 1 – 5 rhymes all the 1-5 rhymes... Five little monkeys, five currant buns, five little men etc...</p> <p>Guess How Much I Love You (valentines maths!)</p> <p>Context: routines, stories, games</p> <p>Suggested Activities: Numicon jigsaws, story mapping songs to represent children’s own mathematical mark-making (literacy link), dice games with number tracks, voting for favourite story/song – pebbles/cubes to count votes</p> <p>Numberblocks link: series 1, episode 9</p>			

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Spring 2					
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Number Talks: Subitizing 1 – 6					
<p>Number Focus: 1 – 5 numbers within numbers PSSM Focus: comparison of measure with non-standard units Story Suggestions: Balancing Act, One Bean Context: Spring! Suggested Activities: Outdoors – seed tray treasure chests (5-frames) finding 5 special things to share & compare (5 is the same as 3 leaves and 2 feathers <i>or</i> ...), Numicon – using pan balance, Planting seeds – measuring growth with cubes across the term (topic link), dice game – building towers Numberblocks link: series 1, episode 8</p>	<p>Number Focus: Counting Principles PSSM Focus: capacity - comparison of measure Story Suggestions: Fish Eyes, One Gorilla, Maisie Goes Camping, Billy’s Bucket Context: routines, games, stories Suggested Activities: dice games (filling 10-frame counting from a set), tents/dens in forest school – playing ‘Maisie Goes Camping’ (links to geography topic), capacity topic link – melting ice, watering plants, variety of containers (‘which holds more?’) Numberblocks link: series 1, episode 10</p>		<p>Number Focus: Conservation of number within 5, odd one out and why... PSSM Focus: shape, spatial pattern, repeating pattern, spatial awareness Story Suggestions: Me On The Map, Count and See (T Hoban), Pattern Bugs Context: Easter Suggested Activities: Easter maths! Egg hunts, map making, creating repeating patterns on cards/egg designs, biscuit decorating (translating pattern to different media), Numicon stampolines (see Numberblocks) Numberblocks link: series 1, episode 11</p>		

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Summer 1				
Week 1	Week 2	Week 3	Week 4	Week 5
Number Talks: Perceptual Subitizing 1 – 6				
<p>Number Focus: Composition of 1 – 5 (part, whole) PSSM Focus: Sorting, categorizing Story Suggestions: Five Creatures, Mouse Count Context: My Family (history link), Sports Day Suggested Activities: Use 5 creatures story to discuss/compare who lives in own home, compare ways to sort/categorize family, Mouse Count to sort/categorize mice puppets and to practise counting principles, Through sports day - tteam games e.g. bean bag toss etc to practise counting, comparative language of measures e.g. further, furthest Numberblocks link: series 1, episode 12</p>			<p>Number Focus: Composition and change within 5 (adding and subtracting changes the quantity) PSSM Focus: comparison of measures (heavier, lighter, more, less), positional language Story Suggestions: We're going on a bear hunt, We're going on a Picnic (P Hutchins), Splash (A Jonas), Handa's Surprise, The Shopping Basket, Balancing Act Context: Teddy Bears Picnic Suggested Activities: Preparing & making food for picnic (science link), block play – making bridge balance, singing bear hunt songs, ICT link – beebots Numberblocks link: series 1, episode 14</p>	

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Summer 2					
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6 – 7
Number Talks: Perceptual Subitizing 1 – 6					
<p>Number Focus: Composition (making 5) PSSM Focus: Spatial patterns Story Suggestions: Five Speckled Frogs, Five little monkeys, five currant buns, five little men etc... Context: Stories, songs, games Suggested Activities: using puppets – how many are and how many are not (e.g. 3 frogs are on the log so 2 frogs are <u>not</u> on the log), quantity cards, patterns: dice game on concentric patterns, Numberblocks link: series 1, episode 15</p>		<p>Number Focus: counting 1 -7 PSSM Focus: Shape Story Suggestions: Quack and Count, Anything by T Hoban... , Changes Changes (P Hutchins) Context: Routines, games, stories, outdoors Suggested Activities: Block play, water play, jigsaws, tangram puzzles, create own class photo book for school library or to take up to Reception in style of T.Hoban to illustrate mathematical understanding (Art link – what can I see?), Race to 10 games Numberblocks link: series 2, episode 2</p>		<p>Transition to Reception</p>	