Mathematics Mastery

Curriculum Map: Reception

Autumn

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11
Early mathematical experiences			**Pattern and early number**		**Numbers within 6**		**Addition and subtraction within 6**	**Measures**	**Shape and sorting**	**Calendar and time**
• Classifying objects based on one attribute • Matching equal and unequal sets • Comparing objects and sets • Ordering objects and sets			• Recognise, describe, copy and extend colour and size patterns • Count and represent the numbers 1 to 3 • Estimate and check by counting		• Count up to six objects. • One more or one fewer • Order numbers 1 – 6 • Conservation of numbers within six		• Explore zero • Explore addition and subtraction	• Estimate, order compare, discuss and explore capacity, weight and lengths	• Describe, and sort 3-D shapes • Describe position accurately	• Days of the week, seasons • Sequence daily events

Spring

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
Numbers within 10		**Addition and subtraction within 10**	**Numbers within 15**		**Grouping and sharing**		**Numbers within 20**	**Doubling and halving**
• Count up to ten objects • Represent, order and explore numbers to ten • One more or fewer, one greater or less		• Explore addition as counting on and subtraction as taking away	• Count up to 15 objects and recognise different representations • Order and explore numbers to 15 • One more or fewer		• Counting and sharing in equal groups • Grouping into fives and tens • Relationship between grouping and sharing		• Count up to 10 objects • Represent, order and explore numbers to 15 • One more or fewer	• Doubling and halving • Relationship between

Summer

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
Shape and pattern	**Addition and subtraction within 20**		**Money**	**Measures**		**Depth of numbers within 20**		**Numbers beyond 20**
• Describe and sort 2-D and 3-D shapes • Recognise, complete and create patterns	• Commutativity • Explore addition and subtraction • Compare two amounts • Relationship between doubling and halving		• Coin recognition and values • Combinations to total 20p • Change from 10p	• Describe capacities • Compare volumes • Compare weights • Estimate, compare and order lengths		• Explore numbers and strategies • Recognise and extend patterns • Apply number, shape and measures knowledge • Count forwards and backwards		• One more one less • Estimate and count • Grouping and sharing

The Dimensions of Depth - Conceptual Understanding, Language and Communication and Mathematical Thinking - underpin all aspects of the curriculum; problem solving is at the heart and is embedded in all units.