Hartford Infant and Preschool Maths Long Term Plan

Autumn Term using planning from NCETM, Power Maths and Mastering Number. Mastering Number lesson and Maths Medium Term Plans give further detailed information on maths main lessons and maths fluency.

Reception	Numbers to 10 + place value Structured and unstructured subitising	Connect quantities and number to finger patterns 1-1 correspondence when counting	Cardinality when counting The counting sequence to 10 and the staircase model	Comparison - compare sets of objects by matching	Develop the language of 'whole' when talking about objects which have parts	Repeating patterns Reasoning Puzzles	2D/3D shape properties Positional and directional language
Year 1	Number – number and place value to 10. Part-whole within 10			Number – addition and subtraction to 10		Geometry – properties of shape 2D and 3D shape	
Year 2	Number – number and place value, numbers to 100		Number – addition and subtraction (1)		Measurement - money		Number – multiplication and division (1)

Spring Term using planning from NCETM, Power Maths and Mastering Number. Mastering Number lesson and Maths Medium Term Plans give further detailed information on maths main lessons and maths fluency.

Reception	Order numbers 1-5, then 1-10 Subitising skills for numbers within and beyond 5, and increasingly connect quantities to numerals	Identify missing parts for numbers within 5. Structure of the numbers 6 and 7 as '5 and a bit'	Understand a 'double' as two equal groups and connect to finger patterns Counting sequence beyond 20, hearing the repeated pattern within the counting numbers	Link cardinality and ordinality through the 'staircase' pattern	Comparison – equal and unequal groups Odd and even numbers
Year 1	Number – number and place value within 20	Number – addition and subtraction within 20	Number – number and place value to 50	Measurement – length and height	Measurement - money
Year 2	Measurement – length and height	Number – addition and subtraction (2)	Geometry – properties of shape	Number - fractions	Number – multiplication and division (2)

Summer Term using planning from NCETM, Power Maths and Mastering Number. Mastering Number lesson and Maths Medium Term Plans give further detailed information on maths main lessons and maths fluency.

Reception	One more than and one less/ fewer than numbers within 10 Conceptual subitising skills, including when using a rekenrek	Magnitude - knowing that 8 is a lot more than 2, but 4 is only a bit more than 2 Representations of numbers, including the 10-frame, and see how doubles can be arranged in a 10-frame	Count larger sets as well as actions and sounds Number bonds to 5 and then 10	Comparison - compare quantities and numbers, including sets of objects which have different attributes Odd and even numbers Doubles – recall facts Sharing quantities equally	Measure – length and height Weight Volume and capacity
Year 1	Number and place value – numbers to 100	Measurement – weight and volume	Measurement - time	Number – multiplication and division	Number –fractions finding halves and quarters	Geometry – position and direction
Year 2	Statistics	Measurement – weight, volume and temperature	Number -problem solving and efficient methods	Measurement - time	Geometry -position and direction