

Ingoldmells Academy Long-Term Map: Maths

Nursery	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6									
<b>Reception Number</b>	Mastering Number: Pupils will build on previous experiences of number from their home and nursery environments, and further develop their subitising and counting skills. They will explore the composition of numbers within 5. They will begin to compare sets of objects and use the language of comparison.		Mastering Number: Pupils will continue to develop their subitising and counting skills and explore the composition of numbers within and beyond 5. They will begin to identify when two sets are equal or unequal and connect two equal groups to doubles. They will begin to connect quantities to numerals.		Mastering Number: Pupils will consolidate their counting skills, counting to larger numbers and developing a wider range of counting strategies. They will secure knowledge of number facts through varied practice.										
<b>Reception Knowledge</b>	Matching & sorting Comparing Size, mass & capacity Pattern	Composition of Circles & triangles Positional	4-sided shapes Time	Compare mass Compare capacity	Length and height Time	3D shapes Spatial awareness Patterns	Spatial reasoning Match, rotate, manipulate	Spatial reasoning	Spatial reasoning Visualise and build	Deepening understanding Patterns & relationships Spatial mapping Mapping					
<b>Year 1/2 Knowledge</b>	PV within 10	+ and – within 10	Shape	PV within 20	+ and – within 20	Length & height	Mass & vol	PV within 50	Fractions	Time	X and ÷	PV within 100	Pos & dir	Money	
	PV to 100	+ and -	Shape	Money	X and ÷	Length + height	Mass, capacity, temp		Fractions	Time	Stats		Pos & direc	4 operations consolidation	
<b>Mastering number</b>	Pupils will have an opportunity to consolidate the Early Learning Goals and continue to explore the composition of numbers within 10, and the position of these numbers in the linear number system.		Pupils will continue to explore the composition of numbers within 10 and explore addition and subtraction structures and the related language (without the use of symbols).		Pupils will explore the composition of numbers within 20 and their position in the linear number system. They will connect addition and subtraction expressions and equations to 'number stories'.										
<b>Year 3/4 Knowledge</b>	PV to 1000	+ and – with 3 digits	Mult and div, 2, 3, 4, 5 and 8	Fractions	Length and peri	Mult and div – 2 digits	Mass and Capacity		Fractions	Money	Time	Shape		Statistics	
	PV to 10000	+ and – with 4 digits	Area	Mult and div: 3, 6, 7, 9, 11 and 12	Fractions	Length and peri	Mult and div – 10, 100 and 2 digits	Position & direction	Decimals	Money	Time	Shape	Decimals	Statistics	
<b>Year 5 Knowledge</b>	Place value to 1,000,000	+ and – 5 digits	Mult and div	Fractions	Mult and div (long and short)	Statistics	Shape	Perimeter and area	Fractions	Decimals and percentages	Position and direction	Negative nos	Decimals	Converting units	Volume

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Year 6 Knowledge	Place Value	Addition, subtraction, multiplication and division	Fractions A and B	Converting units	Ratio	Decimals	Algebra	Fractions, decimals and percentages	Area, perimeter and volume	Statistics	Shape	Position & direction	Projects and extended investigations
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