

Reception programme of study - 'Term per page overview' 2016-17

Term	EYFS requirements <i>Key Learning Points</i>	
Autumn	1. Pattern and shape (2 weeks)	<ul style="list-style-type: none"> • recognise, create and describe patterns • explore characteristics of everyday objects and shapes and use mathematical language to describe them • explore characteristics of everyday objects and shapes (focusing on 2-D shapes) • use mathematical language associated with shape
	2. Same and different (1 week)	<ul style="list-style-type: none"> • estimate a number of objects and check by counting • estimate and check by counting 1 or 2 objects reliably • recognise if a number of objects is the same or different (working with numbers 1 and 2) • count one or two reliably using abstract materials • describe and create patterns that are the same and different • recognise the numerals 1 and 2
	3. Numbers within 5 (2 weeks)	<ul style="list-style-type: none"> • say which number is one more or one less than a given number • estimate a number of objects and check by counting • count reliably with numbers from 1 to 5 • place numbers 1-5 in order • say which number from 1-5 is one more or one less than a given number • recognise the numerals 1-5 • understand the conservation of number
	4. Measure (1 week)	<ul style="list-style-type: none"> • use everyday language to talk about size, weight, capacity • estimate, measure, weigh and compare and order objects • compare objects and quantities • solve size problems (i.e. length) • solve weight and capacity problems
	5. Numbers within 10 (3 weeks)	<ul style="list-style-type: none"> • say which number is one more or one less than a given number • estimate a number of objects and check by counting • count reliably with numbers from 1 to 10 • place numbers 0-10 in order • say which number from 1-10 is one more or one less than a given number • recognise the numerals 0-10 • use ordinal numbers: 1st, 2nd...last • understand the conservation of number • Understand zero
	6. Shape and calendar (1 week)	<ul style="list-style-type: none"> • explore characteristics of everyday objects and shapes and use mathematical language to describe them • explore characteristics of everyday objects and shapes (focusing on 2-D shapes) • use mathematical language associated with shape • use everyday language to talk about time (days and months) • use ordinal numbers: 1st, 2nd...last

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Spring	7. Position and Time (1 week)	<ul style="list-style-type: none"> • use everyday language to talk about time • use mathematical language to describe size and position
	8. Numbers within 15 (2 weeks)	<ul style="list-style-type: none"> • say which number is one more or one less than a given number • estimate a number of objects and check by counting • count reliably with numbers from 0 to 15 • place numbers from 0-15 in order • say which number is one more or one less than a given number within 15 • estimate a number of objects and check by counting • considering equal and unequal groups
	9. Numbers within 20 (2 weeks)	<ul style="list-style-type: none"> • count reliably with numbers from one to 20 • say which number is one more or one less than a given number • count reliably with numbers from 0 to 20 • place numbers from 0-20 in order • say which number is one more or one less than a given number within 20 • estimate a number of objects and check by counting • considering equal and unequal groups
	10. Shape and pattern (1 week)	<ul style="list-style-type: none"> • talk about properties of shapes • explore characteristics of everyday objects and shapes and use mathematical language to describe them • explore characteristics of everyday objects and shapes (focusing on 3-D shapes) • use mathematical language associated with shape • classify and sort shapes • recognise, create and describe patterns with shapes
	11. Addition and Subtraction (1) (3 weeks)	<ul style="list-style-type: none"> • add and subtract two single-digit numbers and count on or back to find the answer • estimate a number of objects and check by counting up to 20 • use quantities and objects, count on or back to add and subtract • estimate a number of objects and check by counting • subitise within 5 • represent and use number bonds within 5
	12. Numbers beyond 20 (1) (1 week)	<ul style="list-style-type: none"> • say which number is one more or one less than a given number • count reliably to 50 • explore counting on and back from any number within 50 • place numbers from 0-50 in order • say which number is one more or one less than a given number • estimate a number of objects and check by counting

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Summer	13. Measure (1 week)	<ul style="list-style-type: none"> • use everyday language to talk about size, weight, capacity • estimate, measure, weigh and compare and order objects • compare objects and quantities • solve size problems (i.e. length) • solve weight and capacity problems • explore measuring objects using non-standard units
	14. Grouping and sharing (2 weeks)	<ul style="list-style-type: none"> • solve practical problems that involve combining groups of 2, 5 or 10, or sharing into equal groups • solve practical problems that involve grouping and sharing • explore counting on in steps of 2 from zero
	15. Money (1 week)	<ul style="list-style-type: none"> • Recognise coins and their values • compare quantities and objects to solve problems • use everyday language to talk about money • compare the value of coins • use quantities and objects to count on and back to add and subtract
	16. Doubling and halving (1 week)	<ul style="list-style-type: none"> • solve problems, including doubling, halving and sharing • Explore the relationship between doubling and halving
	17. Addition and Subtraction (2) (3 weeks)	<ul style="list-style-type: none"> • add and subtract two single-digit numbers and count on or back to find the answer • compare quantities and objects to solve problems • solve problems, including doubling, halving and sharing • say which number is one more or one less than a given number • use quantities and objects to add and subtract two single-digit numbers
	18. Numbers beyond 20 (2) (1 week)	<ul style="list-style-type: none"> • say which number is one more or one less than a given number • estimate a number of objects and check by counting • solve practical problems that involve combining groups of 2, 5 or 10, or sharing into equal groups • count reliably to 100 • explore counting on and back from any number within 50 • place numbers from 0-100 in order • say which number is one more or one less than a given number • solve problems, including grouping and sharing • estimate a number of objects and check by counting • explore counting on in steps of 5 and 10 from zero

