

Reception programme of study - 'Term per page overview' 2015-2016

Half 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 2d 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 2d 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"> <i>use everyday language to talk about time</i> use mathematical language to describe size and position
	8. Numbers within 15 (2 weeks)	<ul style="list-style-type: none"> <i>say which number is one more or one less than a given number</i> 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 <i>say which number is one more or one less than a given number</i> 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"> <i>talk about properties of shapes</i> <i>explore characteristics of everyday objects and shapes and use mathematical language to describe them</i> explore characteristics of everyday objects and shapes (focusing on 3d 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"> <i>say which number is one more or one less than a given number</i> 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