

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

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

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

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

