

## Autumn

|  | Small Steps |
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| Getting to know you <br> 2 weeks |  |
| Match, sort and compare <br> 2 weeks | - Match objects <br> - Match pictures and objects <br> - Identify a set <br> - Sort objects to a type <br> - Explore sorting techniques <br> - Create sorting rules <br> - Compare amounts |


|  | National Curriculum Objectives | Small Steps |
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| Number: Place Value (within 10) <br> 5 weeks | - Count to ten, forwards and backwards, beginning with 0 or 1, or from any given number. <br> - Count, read and write numbers to 10 in numerals and words. <br> - Given a number, identify one more or one less. <br> - Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least. | - Sort objects <br> - Count objects <br> - Count objects from a larger group <br> - Represent objects <br> - Recognise numbers as words <br> - Count on from any number <br> - 1 more <br> - Count backwards within 10 <br> - 1 less <br> - Compare groups by matching <br> - Fewer, more, same <br> - Less than, greater than, equal to <br> - Compare numbers <br> - Order objects and numbers <br> - The number line |


| Talk about measure and patterns <br> 2 weeks | - Compare size <br> - Compare mass <br> - Compare capacity <br> - Explore simple patterns <br> - Copy and continue simple patterns <br> - Create simple patterns |
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| It's me 1, 2, 3 <br> 2 weeks | - Find 1, 2 and 3 <br> - Subitise 1, 2 and 3 <br> - Represent 1, 2 and 3 <br> - 1 more <br> - 1 less <br> - Composition of 1, 2 and 3 |
| Circles and triangles <br> 1 week | - Identify and name circles and triangles <br> - Compare circles and triangles <br> - Shapes in the environment <br> - Describe position |
| $1,2,3,4,5$ <br> 2 weeks | - Find 4 and 5 <br> - Subitise 4 and 5 <br> - Represent 4 and 5 <br> - 1 more <br> - 1 less <br> - Composition of 4 and 5 <br> - Composition of 1-5 |
| Shapes with 4 sides <br> 1 week | - Identify and name shapes with 4 sides <br> - Combine shapes with 4 sides <br> - Shapes in the environment <br> - My day and night |


| Number: Addition and Subtraction (within 10) <br> 5 weeks | - Represent and use number bonds and related subtraction facts within 10 <br> - Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs. <br> - Add and subtract one digit numbers to 10 , including zero. <br> - Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations and missing number problems. | - Introduce parts and wholes <br> - Part-whole model <br> - Write number sentences <br> - Fact families - addition facts <br> - Number bonds within 10 <br> - Systematic number bonds within 10 <br> - Number bonds to 10 <br> - Addition - add together <br> - Addition - add more <br> - Addition problems <br> - Find a part <br> - Subtraction - find a part <br> - Fact families - the eight facts <br> - Subtraction - take away/cross out (How many left?) <br> - Take away (How many left?) <br> - Subtraction on a number line <br> - Add or subtract 1 or 2 |
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| Geometry: Shape <br> 1 week | - Recognise and name common 2-D shapes, including: (for example, rectangles (including squares), circles and triangles) <br> - Recognise and name common 3-D shapes, including: (for example, cuboids (including cubes), pyramids and spheres.) | - Recognise and name 3-D shapes <br> - Sort 3-D shapes <br> - Recognise and name 2-D shapes <br> - Sort 2-D shapes <br> - Patterns with 2-D and 3-D shapes |
| Consolidation <br> 1 week |  |  |


|  | Small Steps |
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| Alive in 5 <br> 2 weeks | - Introduce zero <br> - Find 0 to 5 <br> - Subitise 0 to 5 <br> - Represent 0 to 5 <br> - 1 more <br> - 1 less <br> - Composition <br> - Conceptual subitising to 5 |
| Mass and capacity <br> 1 week | - Compare mass <br> - Find a balance <br> - Explore capacity <br> - Compare capacity |
| Growing 6, 7, 8 <br> 2 weeks | - $\quad$ Find $6,7,8$ <br> - Represent 6, 7, 8 <br> - 1 more <br> - 1 less <br> - Composition of 6, 7, 8 <br> - Make pairs - odd and even <br> - Double to 8 (find a double) <br> - Double to 8 (make a double) <br> - Combine 2 groups <br> - Conceptual subitising |


|  | National Curriculum Objectives | Small Steps |
| :---: | :---: | :---: |
| Number: Place Value (within 20) <br> 3 weeks | - Count to twenty, forwards and backwards, beginning with 0 or 1 , from any given number. <br> - Count, read and write numbers to 20 in numerals and words. <br> - Given a number, identify one more or one less. <br> - Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least. | - Count within 20 <br> - Understand 10 <br> - Understand 11, 12 and 13 <br> - Understand 14,15 and 16 <br> - Understand 17, 18 and 19 <br> - Understand 20 <br> - 1 more and 1 less <br> - The number line to 20 <br> - Use a number line to 20 <br> - Estimate on a number line to 20 <br> - Compare numbers to 20 <br> - Order numbers to 20 |
| Number: Addition and Subtraction (within 20) <br> 3 weeks | - Represent and use number bonds and related subtraction facts within 20 <br> - Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs. <br> - Add and subtract one-digit and two-digit numbers to 20, including zero. <br> - Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7=\square$ -9 | - Add by counting on within 20 <br> - Add ones using number bonds <br> - Find and make number bonds to 20 <br> - Doubles <br> - Near doubles <br> - Subtract ones using number bonds <br> - Subtraction - counting back <br> - Subtraction - finding the difference <br> - Related Facts <br> - Missing number problems |


| Length, height and time <br> 2 weeks | - Explore length <br> - Compare length <br> - Explore height <br> - Compare height <br> - Talk about time <br> - Order and sequence time |
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| Building 9 and 10 <br> 3 weeks | - Find 9 and 10 <br> - Compare number to 10 <br> - Represent 9 and 10 <br> - Conceptual subitising to 10 <br> - 1 more <br> - 1 less <br> - Composition to 10 <br> - Bonds to 10 (2 parts) <br> - Make arrangements of 10 <br> - Bonds to 10 (3 parts) <br> - Doubles to 10 (find a double) <br> - Doubles to 10 (make a double) <br> - Explore even and odd |
| Explore 3-D shapes <br> 2 weeks | - Recognise and name 3-D shapes <br> - Find 2-D shapes with 3-D shapes |


| Number: Place Value (within 50) <br> 2 weeks | - Count to 50 forwards and backwards, beginning with 0 or 1, or from any number. <br> - Count, read and write numbers to 50 in numerals. <br> - Given a number, identify one more or one less. <br> - Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least. <br> - Count in multiples of twos, fives and tens. | - Count from 20 to 50 <br> - 20, 30, 40, 50 <br> - Count by making groups of tens <br> - Groups of tens and ones <br> - Partition into tens and ones <br> - The number line to 50 <br> - Estimate on a number line to 50 <br> - 1 more, 1 less |
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| Measurement: Length and Height <br> 2 weeks | - Measure and begin to record lengths and heights. <br> - Compare, describe and solve practical problems for: lengths and heights (for example, long/short, longer/shorter, tall/short, double/half) | - Compare lengths and heights <br> - Measure length using objects <br> - Measure length in centimetres |
| Measurement: Mass and Volume <br> 2 weeks | - Measure and begin to record mass/weight, capacity and volume. <br> - Compare, describe and solve | - Heavier and lighter <br> - Measure mass <br> - Compare mass <br> - Full and empty |

- Use 3-D shapes for tasks
- 3-D shapes in the environment
- Identify more complex patterns
- Copy and continue patterns
- Patterns in the environment

|  | practical problems for <br> mass/weight: [for example, <br> heavy/light, heavier than, <br> lighter than]; capacity and <br> volume [for example, <br> full/empty, more than, less <br> than, half, half full, quarter] | $\bullet$ | • |
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## Summer

|  | Small Steps |
| :---: | :---: |
| To 20 and beyond <br> 2 weeks | - Build numbers beyond $10(10-13)$ <br> - Continue patterns beyond 10 (10-13) <br> - Build numbers beyond 10 (14-20) <br> - Continue patterns beyond 10 (14-20) <br> - Verbal counting beyond 20 <br> - Verbal counting patterns |
| How many now? <br> 1 week | - Add more <br> - How many did I add? <br> - Take away <br> - How many did I take away? |
| Manipulate, compose and decompose <br> 2 weeks | - Select shapes for a purpose <br> - Rotate shapes <br> - Manipulate shapes <br> - Explain shape arrangements <br> - Compose shapes <br> - Decompose shapes |


|  | National Curriculum Objectives | Small Steps |
| :---: | :---: | :---: |
| Number: <br> Multiplication and Division <br> 3 weeks | - Count in multiples of twos, fives and tens. <br> - Solve one step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher. | - Count in 2 s <br> - Count in 10 s <br> - Count in 5 s <br> - Recognise equal groups <br> - Add equal groups <br> - Make arrays <br> - Make doubles <br> - Make equal groups - grouping <br> - Make equal groups - sharing |
| Number: Fractions <br> 2 weeks | - Recognise, find and name a half as one of two equal parts of an object, shape or quantity. <br> - Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity. | - Recognise a half of an object or shape <br> - Find a half of an object or shape <br> - Recognise a half of a quantity <br> - Find a half of a quantity <br> - Recognise a quarter of an object or shape <br> - Find a quarter of an object or shape <br> - Recognise a quarter of a quantity <br> - Find a quarter of a quantity |
| Geometry: Position and Direction <br> 1 week | - Describe position, direction and movement, including whole, half, quarter and three quarter turns. | - Describe turns <br> - Describe position - left and right <br> - Describe position - forwards and backwards <br> - Describe position - above and below <br> - Ordinal numbers |


|  | - Copy 2-D shape pictures <br> - Find 2-D shapes within 3D shapes |
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| Sharing and grouping <br> 2 weeks | - Explore sharing <br> - Sharing <br> - Explore grouping <br> - Grouping <br> - Even and odd sharing <br> - Play with and build doubles |
| Visualise, build and map <br> 3 weeks | - Identify units of repeating patterns <br> - Create own pattern rules <br> - Explore own pattern rules <br> - Replicate and build scenes and constructions <br> - Visualise from different positions <br> - Describe positions <br> - Give instructions to build <br> - Explore mapping <br> - Represent maps with models <br> - Create own maps from familiar places <br> - Create own maps and plans from story situations |


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| :---: | :---: | :---: |
| Number: Place Value (within 100) <br> 2 weeks | - Count to and across 100, forwards and backwards, beginning with 0 or 1 , or from any given number. <br> - Count, read and write numbers to 100 in numerals. <br> - Given a number, identify one more and one less. <br> - Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than, most, least. | - Count from 50 to 100 <br> - Tens to 100 <br> - Partition into tens and ones <br> - The number line to 100 <br> - 1 more, 1 less <br> - Compare numbers with the same number of tens <br> - Compare any two numbers |
| Measurement: Money <br> 1 week | - Recognise and know the value of different denominations of coins and notes. | - Unitising <br> - Recognise coins <br> - Recognise notes <br> - Count in coins |


| Make connections | $\bullet$ <br> •Deepen understanding <br> Patterns and <br> relationships |
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| Measurement: Time <br> 2 weeks | - Sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening. <br> - Recognise and use language relating to dates, including days of the week, weeks, months and years. <br> - Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times. <br> - Compare, describe and solve practical problems for time [for example, quicker, slower, earlier, later] Measure and begin to record time (hours, minutes, seconds) | - Before and after <br> - Days of the week <br> - Months of the year <br> - Hours, minutes and seconds <br> - Tell the time to the hour <br> - Tell the time to the half hour |
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| Consolidation <br> 1 week |  |  |

