## Year 1 Programme of Study - ‘Term per page overview’ 2017-2018 FINAL

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| **Autumn** | **1. Numbers to 10**\n(2 weeks) | • count to ten, forwards and backwards, beginning with 0 or 1, or from any given number
• count, read and write numbers to 10 in numerals and words
• 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
• given a number, identify one more and one less
• count in multiples of twos
• double and halve numbers within 10
• estimate numbers within 10 |
| | **2. Addition and subtraction within 10**\n(Combination and partitioning)\n(2 weeks) | • represent and use number bonds and related subtraction facts [within 10]
• add and subtract one-digit ... numbers [to 10], including zero
• read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs
• solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems |
| | **3. Shapes and patterns**\n(2 weeks) | • recognise and name common 2-D and 3-D shapes, including: 2-D shapes [for example, rectangles (including squares), circles and triangles]; 3-D shapes [for example, cuboids (including cubes), pyramids and spheres
• describe position, direction and movement, including whole and half turns |
| | **4. Numbers to 20**\n(2 weeks) | • count to twenty, forwards and backwards, beginning with 0 or 1, or from any given number
• count, read and write numbers from 1 to 20 in numerals and words
• 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 in multiples of twos and fives
• double and halve numbers within 20 |
| | **5. Addition and subtraction within 20**\n(Augmentation and reduction)\n(2 weeks) | • represent and use number bonds and related subtraction facts within 20
• add and subtract one-digit and two-digit numbers to 20, including zero
• read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs
• solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = □ − 9
• estimate to check answers |
| Spring | 6. Time (2 weeks) | • tell the time to the hour and half past the hour and draw the hands on a clock face to show these times  
• recognise and use language relating to dates, including days of the week, weeks, months and years  
• compare, describe and solve practical problems for time [for example, quicker, slower, earlier, later] and measure and begin to record time (hours, minutes, seconds)  
• sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening]  
• describe position, direction and movement, including whole, half, quarter and three-quarter turns, with reference to the clock face |
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| 7. Exploring calculation strategies within 20 (1 week) | • represent and use number bonds and related subtraction facts within 20  
• add and subtract one-digit and two-digit numbers to 20, including zero  
• read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs  
• solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = □ − 9$ |
| 8. Numbers to 50 (2 weeks) | • count to fifty, forwards and backwards, beginning with 0 or 1, or from any given number; count in twos, fives and tens.  
• count, read and write numbers from 1 to 20 in numerals and words  
• 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  
• given a number, identify one more and one less  
• recognise the place value of each digit in a two-digit number (tens, ones) (Y2) |
| 9. Addition and subtraction within 20 (Comparison and difference) (2 weeks) | • represent and use number bonds and related subtraction facts within 20  
• add and subtract one-digit and two-digit numbers to 20, including zero  
• add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones; adding three one-digit numbers (Y2)  
• read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs  
• solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = □ − 9$  
• estimate to check answers |
| 10. Fractions (1 week) | • recognise, find and name a half as one of two equal parts of an object, shape or quantity  
• recognise, find and name a quarter as one of four equal parts of an object, shape or quantity |
| 11. Measures (1): Length and mass (2 weeks) | • compare, describe and solve practical problems for: lengths and heights [for example, long/short, longer/shorter, tall/short, double/half]; mass/weight [for example, heavy/light, heavier than, lighter than]  
• measure and begin to record the following: lengths and heights; mass/weight |
### Summer
**12. Numbers 50 to 100 and beyond** *(2 weeks)*
- count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number; count on and back in twos, fives and tens.
- count, read and write numbers from 1 to 20 in numerals and words; read and write numbers to at least 100 in numerals.
- given a number, identify one more and one less
- 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
- recognise the place value of each digit in a two-digit number (tens, ones) *(Y2)*

**13. Addition and subtraction** *(Applying strategies and structures)* *(2 weeks)*
- represent and use number bonds and related subtraction facts within 20
- add and subtract one-digit and two-digit numbers, including zero
- add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones; a two-digit number and tens; two two-digit numbers; adding three one-digit numbers *(Y2)*
- read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs
- solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$
- estimate to check answers

**14. Money** *(2 weeks)*
- recognise and know the value of different denominations of coins and notes
- solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$

**15. Multiplication and division** *(2 weeks)*
- 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
- recognise, find and name a half as one of two equal parts of a quantity
- recognise, find and name a quarter as one of four equal parts of a quantity

**16. Measures (2): Capacity and volume** *(2 weeks)*
- compare, describe and solve practical problems for: lengths and heights [for example, long/short, longer/shorter, tall/short, double/half]; mass/weight [for example, heavy/light, heavier than, lighter than]; capacity and volume [for example, full/empty, more than, less than, half, half full, quarter]
- measure and begin to record the following: lengths and heights; mass/weight; capacity and volume