



| Reception | | | | | | | |
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| Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 | | |
| | Say the numbers in order to 5 | Subitise up to 5 | Say the numbers in order to 10 | Recall number bonds up to 5 (and related subtraction facts) 1 + 1 | | | |
| | Year 1 | | | | | | |
| Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 | | |
| Recall all number | Recall all number bonds | Recall all number | Count in 10s to 100 | Count in 2s to 20 | Recall number bonds | | |
| bonds of 10 | within 10 | bonds within 20 | 0 to 100 | From 0 to 20 | to 20 | | |
| 1+9 | | | | | | | |
| 2 + 8 | 1 + 5 | 2 + 9 | | Recall all doubles and | 2 + 18 | | |
| 3 + 7 | 1 + 6 | 3 + 8 | Count in 5s to 50 | halves to 20 | 3 + 17 | | |
| 4 + 6 | 1 + 7 | 3 + 9 | From 0 to 50 | | 4 + 16 | | |
| 5 + 5 | 1 + 8 | 4 + 7 | | 6+6 | 5 + 15 | | |
| | 1 + 9 | 4 + 8 | | 7 + 7 | 6 + 14 | | |
| Recall all doubles | 2 + 4 | 4 + 9 | | 8 + 8 | 7 + 13 | | |
| and halves to 10 | 2+5 | 5 + 6 | | 9+9 | 8 + 12 | | |
| | 2+6 | 5 + 7 | | 10 + 10 | 9 + 11 | | |
| 1 + 1 = 2 | 2+7 | 5+8 | | | | | |
| 2 + 2 = 4 | 3+3 | 5 + 9 | | Half of 20 is 10 | | | |
| 3 + 3 = 6 | 3 + 4 | 6 + 7 | | Half of 18 is 9 | | | |
| 4 + 4 = 8 | 3+5 | 6+8 | | Half of 16 is 8 | | | |
| 5 + 5 = 10 | 3+6 | 6+9 | | Half of 14 is 7 | | | |
| | 4 + 4 | 7 + 8 | | Half of 12 is 6 | | | |
| Half of 10 is 5 | 4 + 5 | 7 + 9 | | | | | |
| Half of 8 is 4 | | 8 + 9 | | | | | |
| Half of 6 is 3 | | | | | | | |
| Half of 4 is 2 | | | | | | | |
| Half of 2 is 1 | | | | | | | |





| | | • | Year 2 | | |
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| Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| Recall number bonds to 100 - multiples of 10 10 + 90 20 + 80 30 + 70 40 + 60 50 + 50 | Recall number bonds to 100 - multiples of 5 5 + 95 15 + 85 25 + 75 35 + 65 45 + 55 | Recall 5, 10 x table - Multiplication and division facts 3 x 5 | Recall 2 x table – multiplication and division facts 11 x 2 12 x 2 | | |
| | | • | Year 3 | | |
| Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| Recall of number bonds to 100 - any number (E.g. 34 + = 100) by making 90 using the tens and 10 using the ones | Recall 3 x table multiplication and division facts 3 x 3 4 x 3 6 x 3 7 x 3 8 x 3 9 x 3 11 x 3 12 x 3 | Recall 4 x table multiplication and division facts 4 x 4 6 x 4 7 x 4 8 x 4 9 x 4 11 x 4 12 x 4 | | Recall 8x table - Multiplication and division facts 6 x 8 7 x 8 8 x 8 9 x 9 11 x 8 12 x 8 | |





| | Year 4 | | | | | |
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| Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 | |
| Recall of number bonds to 1000 - any number (E.g. 341 + = 1000) by making 900 using the hundreds, 90 using the tens and 10 using the ones | Recall 6 x table multiplication & division facts 6 x 6 7 x 6 9 x 6 11 x 6 12 x 6 | Recall 7 x table multiplication & division facts 7 x 7 9 x 7 11 x 7 12 x 7 Recall 9 x table multiplication & division facts 8 x 9 8 x 11 8 x 12 | Recall 11 & 12 x table multiplication & division facts Derive quickly decimal equivalents of any number of tenths or hundredths $E.g. \frac{4}{10} = 0.4$ $0.72 = \frac{72}{100}$ | Recall all multiplication and division facts for the multiplication tables up to 12x12 | Recall these decimal equivalent $\frac{1}{4} = 0.25$ $\frac{1}{2} = 0.5$ $\frac{3}{4} = 0.75$ | |
| | | | ear 5 | | | |
| Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 | |
| Recall Roman Numerals up to M (I, V, X, L, C, D) I One V Five X Ten L 50 C 100 D 500 M 1000 | Recall all prime numbers up to 19 Recall square numbers up to 144 and know the notation for squared (²) Recall cube numbers up to 125 and recognise the notation for cubed (³) Apply times table knowledge to decimals where one number is a decimal number E.g. knowing 4 x 3 = 12 can be applied to 0.4 x 3 = 1.2 | Recall formula: perimeter of a rectangle: (2 x length) + (2 x width) area of rectangles: length x width (area is usually measured in square units cm² and m²) | Recall percentage and decimal equivalents of $\frac{1}{2}, \frac{1}{4}, \frac{1}{5}, \frac{2}{5} \text{ and } \frac{4}{5}$ | | | |





| Year 6 | | | | | |
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| Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| Recall pairs of | Recall order of operations | Recall percentage and | Recall formula: | | |
| numbers which | | decimal equivalents of | | | |
| total 1 up to three | Brackets / Multiplication and | | volume of cubes and | | |
| decimal places | Division / Addition and | $\frac{3}{4}$, $\frac{3}{5}$, tenths up to $\frac{9}{10}$, $\frac{1}{3}$ and $\frac{2}{3}$ | cuboids (length x width x | | |
| using and | Subtraction | (approximate) | height) | | |
| applying | | (upproximate) | | | |
| knowledge of | Apply times table | | Know that volume is | | |
| previous number | knowledge to decimals | | notated in cubic units | | |
| bond | where both numbers are | | (e.g. cm³ and mm³) | | |
| understanding | decimal numbers | | | | |
| J | E.g. knowing $4 \times 3 = 12$ can | | Recall formula: area of a | | |
| E.g. 0.343 + = 1 | be applied to 0.4 x 0.3 = | | triangles: | | |
| by making 0.9 using | 0.12 | | $\frac{1}{2}$ (base x height) | | |
| the tenth, 0.09 using | | | 2 (5000 11 11018110) | | |
| the hundredths and | | | Recall formula: area of | | |
| 0.01 using the | | | | | |
| thousandths | | | parallelograms: base x | | |
| | | | height | | |