

## Y2 notes and guidance (non-statutory)

| Number and place |
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| value |
| Using materials and a |
| range of representations, |
| pupils practise counting, |
| reading, writing and |
| comparing numbers to at |
| least 100 and solving a |
| variety of related |
| problems to develop |
| fluency. They count in |
| multiples of three to |
| support their later |
| understanding of a third. |
| As they become more |
| confident with numbers |
| up to 100, pupils are |
| introduced to larger |
| numbers to develop |
| further their recognition of |
| patterns within the |
| number system and |
| represent them in |
| different ways, including |
| spatial representations. |
| Pupils should partition |
| numbers in different ways |
| (for example, $23=20+3$ |
| and $23=10+13$ ) to |
| support subtraction. They |
| become fluent and apply |
| their knowledge of |
| numbers to reason with, |
| discuss and solve |
| problems that emphasise |
| the value of each digit in |
| two-digit numbers. They |
| begin to understand zero |
| as a place holder. | as a place holdand zero


| Fractions <br> Pupils use fractions as 'fractions of' discrete and continuous quantities by solving problems using shapes, objects and quantities. They connect unit fractions to equal sharing and grouping, to numbers when they can be calculated, and to measures, finding fractions of lengths, quantities, set of objects or ${ }_{3}$ shapes. They meet ${ }^{3} / 4$ as the first example of a nonunit fraction. <br> Pupils should count in fractions up to 10, starting from any number and using the $/ 2$ and $/ 4$ equivalence on the number line (for ${ }_{2}$ example, $1 \frac{1}{3} /{ }_{4}, 1^{2} / 4$ (or $1^{1} /{ }_{2}$ ), $1^{3} /{ }_{4}, 2$ ). This reinforces the concept of fractions as numbers and | Measurement <br> Pupils use standard units of measurement with increasing accuracy, using their knowledge of the number system. They use the appropriate language and record using standard abbreviations. <br> Comparing measures includes simple multiples such as 'half as high'; 'twice as wide'. <br> They become fluent in telling the time on analogue clocks and recording it. <br> Pupils become fluent in counting and recognising coins. They read and say amounts of money confidently and use the symbols $£$ and $p$ accurately, recording pounds and pence separately. | Geometry: properties of shapes <br> Pupils handle and name a wider variety of common 2-D and 3-D shapes including: quadrilaterals and polygons, and cuboids, prisms and cones, and identify the properties of each shape (for example, number of sides, number of faces). Pupils identify, compare and sort shapes on the basis of their properties and use vocabulary precisely, such as sides, edges, vertices and faces. <br> Pupils read and write names for shapes that are appropriate for their word reading and spelling. Pupils draw lines and shapes using a straight edge. |
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## Pupils use fractions as 'fractions of'

 discrete and quantities by solving problems using shapes, objects and quantities. The fractions to equa sharing and numbers when they an be calculated, finding fractions engths, quantities set of objects or shapes. They meet ${ }_{4}$ as the first example of a nonPupils should count in fractions up to 10, starting from any number and using he $/ 2$ and $/ 4$ number line (for example, $1 / /_{4}, 1{ }^{2} / 4$ (or $1 /{ }_{2}$ ), $1 / 4$, 2). concept of fractions as numbers and that they can add up to more than| Geometry: |
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| position and |
| direction |
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| Pupils should |
| work with patterns |
| of shapes, |
| including those in |
| different |
| orientations. |
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| Pupils use the |
| concept and |
| language of |
| angles to describe |
| 'turn' by applying |
| rotations, |
| including in |
| practical contexts |
| (for example, |
| pupils themselves |
| moving in turns, |
| giving instructions |
| to other pupils to |
| do so, and |
| programming |
| robots using |
| instructions given |
| in right angles). |

Statistics
Pupils record, interpret, collate, organise and compare information (for example, using many-to-one correspondence with simple ratios 2, $5,10)$.

