## Jarrow Cross CE Primary School Numeracy Assessment – Year 2 (Notes & guidance; non-statutory)

| Incompare a PLACE YALE COUNTY OF THE COUNTY                                                                          | NUMBER & DI ACE VALUE                                                 |             | _ |   |
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| court in steps of 10 from any number forward & backwards compare and order numbers from 10 up to 100, using <,> and = signs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NUMBER & PLACE VALUE                                                  | Е           | D | S |
| compare and order numbers from 0 up to 100, using <, > and = signs read & writen numbers to at least 100 in numerals & words recognise the place value of each digit in a two-digit number use place value of each digit in a two-digit number use place value of each digit in a two-digit number use patition numbers in different ways (23 = 20 + 3 and 23 = 10 + 13)  use materials & a range of representations to count, read, write & compare numbers recognise the pattern within the number system for numbers beyond 100  ADDITION & SUBTRACTION  ADDITION & SUBTRACTION  Recall and use addition and subtraction facts to 20 fluently  derive and recall all pairs of multiples of 10 with totals up to 100  know what must be added to any two-digit number to make the next multiple of 10 add near doubles add 3 one-digit numbers crossing boundaries add 3 one-digit numbers crossing boundaries subtract 2 two-digit numbers of two subtractions is not MULTIPLICATION & DIVISION  recall and use multipleation and division facts for the 2, 5 & 10 multiplication tables  recognise odd and even numbers to 100  know multiplication is commutative and division is not know doubles to 20 double any multiple of 5 to 50  know all doubles of multiple of 5 to 50  know all doubles of multiple of 5 to 50  know all doubles of multiple of 5 to 50  know all doubles of multiple of 5 to 50  know all doubles of multiple of 5 to 50  know all doubles of multiple of 5 to 50  know all form involving multiplication and division using materials, arrays, repeated addition, mental methods using x, ± and = use commutativity & inverse relationships to develop multiplicative reasoning (4 x 5= 20 so 20 - 5 = 4)  FRACTIONS  recognise, find, name and write fractions ½s, ½s, ½s, ¼s and ½s a for a mumber in evital susing >s, < and = choos                                                                         |                                                                       |             |   |   |
| read & write numbers to at least 100 in numerals & words recognise the place value of each digit in at two voigin number recognise the place value and number facts to solve problems partition numbers in different ways (23 = 20 + 3 and 23 = 10 + 13)  use materials & a range of representations to count, read, write & compare numbers recognise the pattern within the number system for numbers beyond 100  ADDITION & SUBTRACTION  recall and use addition and subtraction facts to 20 fluently derive and recall all pairs of multiples of 10 with totals up to 100 know what must be added to any two-digit number to make the next multiple of 10 add near doubles and 2 kwo-digit numbers crossing boundaries add 2 kwo-digit numbers crossing boundaries add 3 know-digit numbers crossing boundaries add 3 know-digit numbers crossing boundaries who will number to resist provide the subtract 2 know fight numbers crossing boundaries know addition is commutative and subtraction is not MULTIPLICATION & DIVISION  MULTIPLICATION & DIV                                                                         |                                                                       |             |   |   |
| use place value and number facts to solve problems partition numbers in different ways (23 = 20 + 3 and 23 = 10 + 13)  use materials & a range of representations to count, read, write & compare numbers recognise the pattern within the number system for numbers beyond 100  ADDITION & SUBTRACTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                       |             |   |   |
| partition numbers in different ways (23 - 20 + 3 and 23 = 10 + 13) use materials & a range of representations to count, read, write & compare numbers recognise the pattern within the number system for numbers beyond 100 ADDITION & SUBTRACTION  recall and use addition and subtraction facts to 20 fluently derive and recall all pairs of multiples of 10 with totals up to 100 know what must be added to any two-digit number to make the next multiple of 10 add near doubles add 2 two-digit numbers crossing boundaries add 3 one-digit numbers crossing b                                                                          | recognise the place value of each digit in a two-digit number         |             |   |   |
| use materials & a range of representations to count, read, write & compare numbers recognise the pattern within the number system for numbers beyond 100  ADDITION & SUBTRACTION  recall and use addition and subtraction facts to 20 fluently derive and recall all pairs of multiples of 10 with totals up to 100  Add near doubles add 2 Nov-digit numbers crossing boundaries add 3 nove-digit numbers crossing boundaries add 3 nove-digit numbers crossing boundaries add 3 nove-digit numbers crossing boundaries subtract 2 two-digit numbers crossing boundaries know addition is commutative and subtraction is not MULTPLCATION & DIVISION  recall and use multiplication and division facts for the 2, 5 & 10 multiplication tables recognise odd and even numbers to 100  know multiplication is commutative and division is not know doubles of 20 double any multiple of 5 to 50 know all doubles of multiples of 10 to 100 Indi halve of even numbers to 40  solve problems involving multiplication and division using materials, arrays, repeated addition, mental methods using X, x and a subtract to 40 solve problems involving multiplication and division using materials, arrays, repeated addition, mental methods using X, x and a subtract to 40 solve problems involving multiplication and division using materials, arrays, repeated addition, mental methods using X, x and a subtract to 40 solve problems involving multiplication and division using materials, arrays, repeated addition, mental methods using X, x and a subtract to 40 solve problems involving multiplication and division using materials, arrays, repeated addition, mental methods using X, x and x and x will be a subtract to 40 solve problems involving multiplication and division using materials, arrays, repeated addition, mental methods using X, x and x and x will be a subtract to 40 solve problems involving multiplication and division using materials, arrays, repeated addition, mental methods using X, x and x and x will be a subtract to 40 solve problems involving multiplication and divis                                                                         |                                                                       |             |   |   |
| recognise the pattern within the number system for numbers beyond 100 ADDITION & SUBTRACTION  recall and use addition and subtraction facts to 20 fluently derive and recall all pairs of multiples of 10 with totals up to 100 know what must be added to any two-digit number to make the next multiple of 10 add near doubles  add 2 wo-digit numbers crossing boundaries add 3 one-digit numbers crossing boundaries subtract 2 two-digit numbers to 30 the subtraction is not MULTIPLICATION & DIVISION recall and use multiplication and division facts for the 2, 5 & 10 multiplication tables recognise add and even numbers to 100 know multiplication is commutative and division is not know doubles to 20 to 5 to 50 know all doubles of multiples of 10 to 100 halve any multiple of 10 up to 100 halve any multiple of 1                                                                          |                                                                       |             |   |   |
| ADDITION & SUBTRACTION recall and use addition and subtraction facts to 20 fluently derive and recall all pairs of multiples of 10 with totals up to 100 know what must be added to any two-digit number to make the next multiple of 10 add near doubles add 2 mo-digit numbers crossing boundaries add 3 one-digit numbers crossing boundaries add 3 one-digit numbers crossing boundaries subtract 2 two-digit numbers crossing boundaries where a comparies and subtraction is not MULTIPLICATION & DIVISION recall and use multiplication and division facts for the 2, 5 & 10 multiplication tables recognise odd and even numbers to 100 know multiplication is commutative and division is not know doubles to 20 double any multiple of 5 to 50 know all doubles of multiples of 10 to 100 halve any multiple of 10 up to 100 find halve of even numbers to 40 solve problems involving multiplication and division using materials, arrays, repeated addition, mental methods using x <sub>1</sub> - and =  use commutativity & inverse relationships to develop multiplicative reasoning (4 x 5= 20 so 20 + 5 = 4)  FRACTIONS recognise, find, name and write fractions <sup>1</sup> / <sub>x</sub> , <sup>1</sup> / <sub>x</sub> , and <sup>3</sup> / <sub>x</sub> of a length, shape, objects & quantity recognize the equivalence of ½ and ½ & use it on a number line write simple fractions, including amounts court in fractions up to 10, starting from any number  MEASURES compare and order lengths, mass, volume/capacity and record the results using >, < and =  choose and use appropriate standard units to estimate and measure length/height (m/cm) mass (kg/g) temperature (**C) capacity (tires*ml) to the nearest appropriate unit recognize and use symbols for pounds (£) and pence (p)  complare and sequence intervals of time tell the time to guarter past Vicines*ml) to the nearest appropriate unit recognize and use symbols for pounds (£) and pence (p)  compare and sequence intervals of time tell the time to guarter past Vicines*ml) to the nearest appropriate unit recognize and use symbols for pounds (£) as happes, including guing change  compa |                                                                       |             |   |   |
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| derive and recall all pairs of multiples of 10 with totals up to 100 know what must be added to any two-digit number to make the next multiple of 10 add near doubles add a post-digit numbers crossing boundaries add 3 non-digit numbers crossing boundaries add 3 non-digit numbers crossing boundaries subtract 2 two-digit numbers crossing boundaries know addition is commutative and subtraction is not MULTIPLICATION 8 DIVISION recall and use multiplication and division facts for the 2, 5 & 10 multiplication tables recognise odd and even numbers to 100 know doubles to 20 double any multiple of 5 to 50 know all doubles of multiples of 10 to 100 halve any multiple of 10 to 100 halve any multiple of 10 to 100 halve any multiple of 10 to 100 halve of even numbers to 40 solve problems involving multiplication and division using materials, arrays, repeated addition, mental methods using x, ± and = use commutativy & inverse relationships to develop multiplicative reasoning (4 x 5= 20 so 20 ± 5 ± 4) FRACTIONS recognise, find, name and write fractions ½, ¼, ½, ¼, and ¾, of a length, shape, objects & quantity recognize the equivalence of ½ and ½, & use it on a number line write simple fractions, including amounts count in fractions up to 10, starting from any number MEASURES compare and order lengths, mass, volume/capacity and record the results using >, < and = choose and use appropriate standard units to estimate and measure length/height (m/cm) mass (kg/g) temperature (**C) capacity (lines/mi) to the nearest appropriate unit recognize and use symbols for pounds (£) and pence (p) combine amounts to make a particular value compare and sequence intervals of time tell the time to five minutes and draw the hands on a clock face to show these times know the number of minutes in an hour know the number of hours in a day (**GEMETRY: PROPERTIES OF SHAPE identify and describe the properties of 3-D shapes, including quing change compare and sequence intervals of time tell the time to five minutes and draw the hands on a clock face to                                                                          |                                                                       |             |   |   |
| know what must be added to any two-digit number to make the next multiple of 10 add near doubles  add 2 two-digit numbers crossing boundaries  subtract 2 two-digit numbers crossing boundaries  subtract 2 two-digit numbers crossing boundaries  where the subtract 2 two-digit numbers crossing boundaries  who addition is commutative and subtraction is not  MULTIPLICATION & DIVISION  recall and use multiplication and division facts for the 2, 5 & 10 multiplication tables  recognise odd and even numbers to 100  know multiplication is commutative and division is not know doubles to 20  double any multiple of 10 up to 100  find halve of even numbers to 40  solve problems involving multiplication and division using materials, arrays, repeated addition, mental methods  suising x : and =   use commutativity & inverse relationships to develop multiplicative reasoning (4 x 5 = 20 so 20 ÷ 5 = 4)  FRACTIONS  recognise, find, name and write fractions ½, ¼, ¼, and ¾ of a length, shape, objects & quantity  recognize the equivalence of ½ and ¼ & use it on a number line  with simple fractions, including amounts  count in fractions up to 10, starting from any number  MEASURES  MEASURES  Compare and order lengths, mass, volume/capacity and record the results using >, < and =  Loose and use appropriate standard units to estimate and measure length/height (m/cm) mass (kg/g)  temperature (*C). capacity (litres/ml) to the nearest appropriate unit  recognize and use symbols for pounds (£) and pence (p)  combine amounts to make a particular value  find different combinations of coins that equal the same amounts of money  solve simple +²- problems of money of the same unit, including giving change  compare and sequence intervals of time  tell the time to five minutes and draw the hands on a clock face to show these times  the time to five minutes and draw the hands on a clock face to show these times  compare and sequence intervals of time  tell the time to five minutes and draw the hands on a clock face to show these times  compare and s                                                                          |                                                                       |             |   |   |
| add near doubles  add 2 Nov-digit numbers crossing boundaries  add 3 one-digit numbers crossing boundaries  subtract 2 two-digit numbers crossing boundaries  know addition is commutative and subtraction is not  MULTIPLICATION & DIVISION  recognise odd and even numbers to 100  know multiplication is commutative and division facts for the 2, 5 & 10 multiplication tables  recognise odd and even numbers to 100  know multiplication is commutative and division is not  know doubles to 20  double any multiple of 10 to 100  halve any multiple of 10 to 100  find halve of even numbers to 40  solve problems involving multiplication and division using materials, arrays, repeated addition, mental methods  using x, + and subject of the subject o                                                                          |                                                                       |             |   |   |
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| MultiPLICATION & DIVISION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                       |             |   |   |
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| recognise odd and even numbers to 100 know multiplication is commutative and division is not know doubles to 20 double any multiple of 5 to 50 know all doubles of multiples of 10 up to 100 find halve of even numbers to 40 solve problems involving multiplication and division using materials, arrays, repeated addition, mental methods using x, + and =  use commutativity & inverse relationships to develop multiplicative reasoning (4 x 5= 20 so 20 ÷ 5 = 4)  FRACTIONS recognize the equivalence of ½ and ¾, & use it on a number line write simple fractions, including amounts count in fractions up to 10, starting from any number  MEASURES compare and order fengths, mass, volume/capacity and record the results using >, < and = choose and use appropriate standard units to estimate and measure length/height (m/cm) mass (kg/g) temperature (°C) capacity (litres/m) to the nearest appropriate unit recognize and use symbols for pounds (£) and epoce (p) combine amounts to make a particular value find different combinations of coins that equal the same amounts of money solve simple +/- problems of money of the same unit, including giving change compare and sequence intervals of time tell the time to quarter pastiot the hour & draw the hands on a clock face tell the time to quarter pastiot the hour & draw the hands on a clock face tell the time to quarter pastion the number of hours in a day GEOMETRY: PROPERTIES OF SHAPE identify and describe the properties of 2-D shapes, including edges, vertices & faces identify 2-D shapes on the surface of 3-D shapes compare and arrange combinations of mathematical objects in patterns and sequences use mathematical vocabulary to describe position, direction and movement (movement in a straight line, distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns clockwise and anti-clockwise)  STATISTICS  Interpret & construct simple pictograms, tally charts, block diagrams, simple tables ask and answer simple questions by counting the number of o                                                                          |                                                                       |             |   |   |
| know doubles to 20 double any multiplic of 5 to 50 know all doubles of multiples of 10 to 100 halve any multiple of 10 up to 100 find halve of even numbers to 40 solve problems involving multiplication and division using materials, arrays, repeated addition, mental methods using x, ± and = use commutativity & inverse relationships to develop multiplicative reasoning (4 x 5= 20 so 20 ÷ 5 = 4) FRACTIONS recognise, find, name and write fractions <sup>1</sup> / <sub>2</sub> , ½, and <sup>2</sup> / <sub>4</sub> of a length, shape, objects & quantity recognize the equivalence of ½ and <sup>2</sup> / <sub>4</sub> & use it on a number line write simple fractions, including amounts count in fractions up to 10, starting from any number MEASURES compare and order lengths, mass, volume/capacity and record the results using >, < and = choose and use appropriate standard units to estimate and measure length/height (m/cm) mass (kg/g) temperature (°C) capacity (littes/ml) to the nearest appropriate unit recognize and use symbols for pounds (£) and pence (p) combine amounts to make a particular value find different combinations of coins that equal the same amounts of money solve simple +/- problems of money of the same unit, including giving change compare and sequence intervals of time tell the time to quarter past/to the hour & draw the hands on a clock face tell the time to five minutes and draw the hands on a clock face tell the time to five minutes in an hour know the number of hours in a day GEOMETRY: PROPERTIES OF SHAPE identify and describe the properties of 2-D shapes, including edges, vertices & faces identify 2-D shapes on the surface of 3-D shapes compare and sort common 2-D & 3-D shapes including edges, vertices & faces identify 2-D shapes on the surface of 3-D shapes compare and sort common 2-D & 3-D shapes including edges, vertices & faces identify 2-D shapes on the surface of 3-D shapes compare and sort common 2-D & 3-D shapes including edges, vertices & faces identify 2-D shapes on the surface of 3-D shapes compare and sort common 2-D & 3-D shapes including edges, vertic            |                                                                       |             |   |   |
| know doubles to 20 double any multiple of 5 to 50 know all doubles of multiples of 10 to 100 halve any multiple of 10 up to 100 find halve of even numbers to 40 solve problems involving multiplication and division using materials, arrays, repeated addition, mental methods using x, ± and = use commutativity & inverse relationships to develop multiplicative reasoning (4 x 5= 20 so 20 ± 5 = 4)  FRACTIONS recognise, find, name and write fractions ½, ¼, ¼, ²₄ and ¾, of a length, shape, objects & quantity recognize the equivalence of ½ and ¾, & use it on a number line write simple fractions, including amounts count in fractions up to 10, starting from any number  MEASURES count in fractions up to 10, starting from any number  MEASURES compare and order lengths, mass, volume/capacity and record the results using >, < and = choose and use appropriate standard units to estimate and measure length/height (m/cm) mass (kg/g) temperature (°C) capacity (littes/ml) to the nearest appropriate unit recognize and use symbols for pounds (£) and pence (p) combine amounts to make a particular value indidifferent combinations of coins that equal the same amounts of money solve simple +/- problems of money of the same unit, including giving change compare and sequence intervals of time tell the time to five minutes and draw the hands on a clock face tell the time to five minutes and draw the hands on a clock face to show these times know the number of minutes in an hour know the number of hours in a day  GEOMETRY: PROPERTIES OF SHAPE identify and describe the properties of 3-D shapes, including number of sides & symmetry identify and describe the properties of 3-D shapes, including number of sides & symmetry identify and describe the properties of 3-D shapes, including number of sides & symmetry identify and describe the properties of 3-D shapes compare and arrange combinations of mathematical objects in patterns and sequences use mathematical vocabulary to describe position, direction and movement (movement in a straight line, dist                                                                          |                                                                       |             |   |   |
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| know all doubles of multiples of 10 up to 100 find halve of even numbers to 40 solve problems involving multiplication and division using materials, arrays, repeated addition, mental methods using x, ½ and =  use commutativity & inverse relationships to develop multiplicative reasoning (4 x 5= 20 so 20 ÷ 5 = 4)  FRACTIONS recognise, find, name and write fractions ½, ¼, ¼ and ¾, of a length, shape, objects & quantity recognize the equivalence of ½ and ¾, as is it in a number line write simple fractions, including amounts count in fractions up to 10, starting from any number  MEASURES compare and order lengths, mass, volume/capacity and record the results using >, < and = choose and use appropriate standard units to estimate and measure length/height (m/cm) mass (kg/g) temperature (°C) capacity (litres/ml) to the nearest appropriate unit recognize and use symbols for pounds (£) and pence (p) combine amounts to make a particular value find different combinations of coins that equal the same amounts of money solve simple +/ problems of money of the same unit, including giving change compare and sequence intervals of time tell the time to quarter past/to the hour & draw the hands on a clock face tell the time to five minutes and draw the hands on a clock face to show these times know the number of minutes in an hour know the number of hours in a day GEOMETRY: PROPERTIES OF SHAPE identify and describe the properties of 2-D shapes, including number of sides & symmetry identify and describe the properties of 3-D shapes compare and sort common 2-D & 3-D shapes and everyday objects  GEOMETRY: POSITION & DIRECTION order and arrange combinations of mathematical objects in patterns and sequences use mathematical vocabulary to describe position, direction and movement (movement in a straight line; distinguishing between roration as a turn and in terms of right angles for quarter, half and three-quarter turns clockwise and anti-clockwise)  STATISTICS Interpret & construct simple pictograms, tally charts, block diagrams, simpl                                                                         |                                                                       |             |   |   |
| halve any multiple of 10 up to 100 find halve of even numbers to 40 solve problems involving multiplication and division using materials, arrays, repeated addition, mental methods using x, ÷ and = use commutativity & inverse relationships to develop multiplicative reasoning (4 x 5= 20 so 20 ÷ 5 = 4)  FRACTIONS  recognise, find, name and write fractions ½, ¼, ¼, ¼ and ¾ of a length, shape, objects & quantity recognise, lind, name and write fractions ½, ¼, ¼, ¼ and ¾ of a length, shape, objects & quantity recognise, the equivalence of ½ and ¾ & use it on a number line write simple fractions, including amounts  count in fractions up to 10, starting from any number  MEASURES  compare and order lengths, mass, volume/capacity and record the results using >, < and = choose and use appropriate standard units to estimate and measure length/height (m/cm) mass (kg/g) temperature (°C) capacity (litres/ml) to the nearest appropriate unit recognize and use symbols for pounds (£) and pence (p)  combine amounts to make a particular value find different combinations of coins that equal the same amounts of money  solve simple +/- problems of money of the same unit, including giving change  compare and sequence intervals of time  tell the time to quarter past/to the hour & the hands on a clock face  tell the time to five minutes and draw the hands on a clock face to show these times  know the number of minutes in an hour know the number of hours in a day  GEOMETRY: PROPERTIES OF SHAPE  identify and describe the properties of 3-D shapes, including number of sides & symmetry identify and describe the properties of 3-D shapes, including edges, vertices & faces identify 2-D shapes on the surface of 3-D shapes  compare and sort common 2-D & 3-D shapes and everyday objects  GEOMETRY: POSITION & DIRECTION  order and arrange combinations of mathematical objects in patterns and sequences  use mathematical vocabulary to describe position, direction and movement (movement in a straight line, distinguishing between rotation as a turn and in                                                                          |                                                                       |             |   |   |
| find halve of even numbers to 40 solve problems involving multiplication and division using materials, arrays, repeated addition, mental methods using x, ± and = use commutativity & inverse relationships to develop multiplicative reasoning (4 x 5= 20 so 20 ÷ 5 = 4)  FRACTIONS  recognise, find, name and write fractions ¹/s, ¹/la, ²/la and ³/la of a length, shape, objects & quantity recognize the equivalence of ½ and ²/la & use it on a number line write simple fractions, including amounts  count in fractions up to 10, starting from any number  MEASURES  compare and order lengths, mass, volume/capacity and record the results using >, < and = choose and use appropriate standard units to estimate and measure length/height (m/cm) mass (kg/g) temperature (°C) capacity (litres/ml) to the nearest appropriate unit recognize and use symbols for pounds (£) and pence (p)  combine amounts to make a particular value find different combinations of coins that equal the same amounts of money solve simple +/- problems of money of the same unit, including giving change compare and sequence intervals of time lettle the ime to quarter past/to the hour & draw the hands on a clock face tell the time to guarter past/to the hour & draw the hands on a clock face tell the time to five minutes and draw the hands on a clock face to show these times know the number of minutes in an hour know the number of hours in a day  GEOMETRY: PROPERTIES OF SHAPE identify and describe the properties of 3-D shapes, including edges, vertices & faces identify 2-D shapes on the surface of 3-D shapes, including edges, vertices & faces identify and describe the properties of 3-D shapes including edges, vertices & faces identify and describe the properties of 3-D shapes including edges, vertices & faces identify 2-D shapes on the surface of 3-D shapes and everyday objects  GEOMETRY: POSITION & DIRECTION order and arrange combinations of mathematical objects in patterns and sequences use mathematical vocabulary to describe position, direction and movement (movem                                                                         |                                                                       |             |   |   |
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| choose and use appropriate standard units to estimate and measure <code>length/height</code> (m/cm) <code>mass</code> (kg/g) <code>temperature</code> (°C) <code>capacity</code> (litres/ml) to the nearest appropriate unit recognize and use symbols for pounds (£) and pence (p)  combine amounts to make a particular value find different combinations of coins that equal the same amounts of money solve simple +/- problems of money of the same unit, including giving change compare and sequence intervals of time tell the time to quarter past/to the hour & draw the hands on a clock face tell the time to five minutes and draw the hands on a clock face to show these times know the number of minutes in an hour know the number of hours in a day  GEOMETRY: PROPERTIES OF SHAPE identify and describe the properties of 2-D shapes, including number of sides & symmetry identify and describe the properties of 3-D shapes, including edges, vertices & faces identify 2-D shapes on the surface of 3-D shapes compare and sort common 2-D & 3-D shapes compare and sort common 2-D & 3-D shapes compare and arrange combinations of mathematical objects in patterns and sequences use mathematical vocabulary to describe position, direction and movement (movement in a straight line, distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns clockwise and anti-clockwise)  STATISTICS Interpret & construct simple pictograms, tally charts, block diagrams, simple tables ask and answer simple questions by counting the number of objects in each category sort categories by quantity ask and answer questions about totalling and comparing categorical data                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                       |             |   |   |
| recognize and use symbols for pounds (£) and pence (p)  combine amounts to make a particular value  find different combinations of coins that equal the same amounts of money  solve simple +/- problems of money of the same unit, including giving change  compare and sequence intervals of time  tell the time to quarter past/to the hour & draw the hands on a clock face  tell the time to five minutes and draw the hands on a clock face to show these times  know the number of minutes in an hour know the number of hours in a day  GEOMETRY: PROPERTIES OF SHAPE  identify and describe the properties of 2-D shapes, including number of sides & symmetry  identify and describe the properties of 3-D shapes, including edges, vertices & faces  identify 2-D shapes on the surface of 3-D shapes  compare and sort common 2-D & 3-D shapes and everyday objects  GEOMETRY: POSITION & DIRECTION  order and arrange combinations of mathematical objects in patterns and sequences  use mathematical vocabulary to describe position, direction and movement  (movement in a straight line, distinguishing between rotation as a turn and in terms of right angles for quarter,  half and three-quarter turns clockwise and anti-clockwise)  STATISTICS  Interpret & construct simple pictograms, tally charts, block diagrams, simple tables  ask and answer simple questions by counting the number of objects in each category  sort categories by quantity  ask and answer questions about totalling and comparing categorical data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                       |             |   |   |
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| tell the time to five minutes and draw the hands on a clock face to show these times know the number of minutes in an hour know the number of hours in a day  GEOMETRY: PROPERTIES OF SHAPE identify and describe the properties of 2-D shapes, including number of sides & symmetry identify and describe the properties of 3-D shapes, including edges, vertices & faces identify 2-D shapes on the surface of 3-D shapes compare and sort common 2-D & 3-D shapes and everyday objects  GEOMETRY: POSITION & DIRECTION order and arrange combinations of mathematical objects in patterns and sequences use mathematical vocabulary to describe position, direction and movement (movement in a straight line, distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns clockwise and anti-clockwise)  STATISTICS Interpret & construct simple pictograms, tally charts, block diagrams, simple tables ask and answer simple questions by counting the number of objects in each category sort categories by quantity ask and answer questions about totalling and comparing categorical data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                       |             |   |   |
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| half and three-quarter turns clockwise and anti-clockwise)  STATISTICS Interpret & construct simple pictograms, tally charts, block diagrams, simple tables ask and answer simple questions by counting the number of objects in each category sort categories by quantity ask and answer questions about totalling and comparing categorical data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                       |             |   | 1 |
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| Interpret & construct simple pictograms, tally charts, block diagrams, simple tables ask and answer simple questions by counting the number of objects in each category sort categories by quantity ask and answer questions about totalling and comparing categorical data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ·                                                                     |             |   |   |
| ask and answer simple questions by counting the number of objects in each category sort categories by quantity ask and answer questions about totalling and comparing categorical data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                       |             |   |   |
| sort categories by quantity ask and answer questions about totalling and comparing categorical data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                       |             |   |   |
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| use pictograms with simple ratios 2, 5, 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                       | $\bigsqcup$ |   | ] |
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