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| **COUNTING** |
| **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** | **Year 6** |
| count to and across 100,forwards and backwards,beginning with 0 or 1, orfrom any given number |  |  | count backwards throughzero to include negativenumbers in tenths andhundredths | interpret negativenumbers in context, countforwards and backwardswith positive and negativewhole numbers, includingthrough zero | use negative numbers incontext, and calculateintervals across zero |
| count, read and writenumbers to 100 innumerals; count inmultiples of twos, fivesand tens from 10 | count in steps of 2, 3, and5 from 0, and in tens fromany number, forward orbackward | count from 0 in multiplesof 4, 8, 50 and 100; | count in multiples of 6, 7,9, 25 and 1000 | count forwards orbackwards in steps ofpowers of 10 for any givennumber up to 1000 000 |  |
| given a number, identify one more and one less |  | find 10 or 100 more or less than a given number | find 1000 more or less than a given number |  |  |
| **COMPARING NUMBERS** |
| use the language of: equalto, more than, less than(fewer), most, least | compare and ordernumbers from 0 up to100; use <, > and = signs | compare and ordernumbers up to 1000 | order and comparenumbers beyond 1000 | read, write, order andcompare numbers to atleast 1 000 000 anddetermine the value ofeach digit(appears also in Reading andWriting Numbers) | read, write, order andcompare numbers up to10 000000 and determinethe value of each digit(appears also in Reading andWriting Numbers) |
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| *compare numbers with the same number of decimal**places up to two decimal**places*(copied from Fractions) |
| **IDENTIFYING, REPRESENTING AND ESTIMATING NUMBERS** |
| identify and representnumbers using objectsand pictorialrepresentations includingthe number line | identify, represent andestimate numbers usingdifferent representations,including the number line | identify, represent andestimate numbers using avariety of representations | identify, represent andestimate numbers using avariety of representations |  |  |

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| **READING AND WRITING NUMBERS (inc Roman Numerals)** |
| **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** | **Year 6** |
| read and write numbersfrom 1 to 20 in numeralsand words. | read and write numbersto at least 100 in numeralsand in words | read and write numbersup to 1000 in numeralsand in words |  | read, write, order andcompare numbers to atleast 1 000 000 anddetermine the value ofeach digit(appears also in ComparingNumbers) | read, write, order andcompare numbers up to10 000 000 and determinethe value of each digit(appears also inUnderstanding Place Value) |
| *tell and write the time from**an analogue clock, including**using Roman numerals from I**to XII, and 12-hour and 24- hour clocks*(copied from Measurement) | read Roman numerals to100 (I to C) and know thatover time, the numeral system changed to include the concept of zero and place value. | read Roman numerals to1000 (M) and recogniseyears written in Roman numerals. |  |
| **UNDERSTANDING PLACE VALUE** |
|  | recognise the place valueof each digit in a two-digitnumber (tens, ones) | recognise the place valueof each digit in a three-digit number (hundreds,tens, ones) | recognise the place valueof each digit in a four-digitnumber (thousands,hundreds, tens, and ones) | read, write, order andcompare numbers to atleast 1 000 000 anddetermine the value ofeach digit(appears also in Reading andWriting Numbers) | read, write, order andcompare numbers up to10 000 000 and determinethe value of each digit(appears also in Reading andWriting Numbers) |
| *find the effect of dividing a**one- or two-digit number by**10 and 100, identifying the**value of the digits in the**answer as units, tenths and**hundredths**(copied from Fractions)* | *recognise and use**thousandths and relate them**to tenths, hundredths and**decimal equivalents**(copied from Fractions)* | *identify the value of each**digit to three decimal places**and multiply and divide**numbers by 10, 100 and**1000 where the answers are**up to three decimal places**(copied from Fractions)* |

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| **ROUNDING** |
| **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** | **Year 6** |
|  |  |  | round any number to thenearest 10, 100 or 1 000 | round any number up to1 000 000 to the nearest10, 100, 1 000, 10 000 and100 000 | round any whole numberto a required degree ofaccuracy up to 2 decimalplaces. |
|  |  |  | *round decimals with one**decimal place to the nearest**whole number*(copied from Fractions) | *round decimals with two**decimal places to the nearest**whole number and to one**decimal place*(copied from Fractions) | *solve problems which require**answers to be rounded to**specified degrees of accuracy*(copied from Fractions) |
| **PROBLEM SOLVING** |
|  | use place value andnumber facts to solveproblems includingprevious years learning | solve number problemsand practical problemsinvolving these ideasincluding previous yearslearning | solve number andpractical problems thatinvolve all of the aboveand with increasingly largepositive numbersincluding previous yearslearning | solve number problemsand practical problemsthat involve all of theabove including previousyears learning | solve number andpractical problems thatinvolve all of the aboveincluding previous yearslearning |