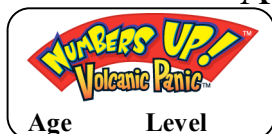
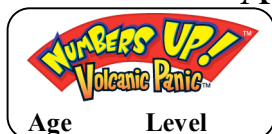


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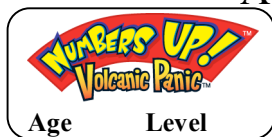
| Age | Level | Numeration |
|-----|-------|--|
| 4-6 | 1 - 2 | <p>Number Range 1 - 5</p> <ul style="list-style-type: none"> Counts the number of objects in a set Checks the count of the number of objects in a set Counts rearranged number arrays and get the same total Counts an irregular arrangement of objects – different in size, shape or colour Counts on by ones – give the number after any number Starts counting from a starting point other than 1 Recognises when an error has been made in counting Selects the correct word to represent a collection of objects Selects the correct numeral to represent a collection of objects Compares equivalent and non-equivalent sets by matching – <i>there are more bees than hives</i> Orders sets of objects in ascending order Uses ordinal language <i>first to fifth</i> Classifies other sets as <i>less, more, the same as</i> another set |
| | 3 - 4 | <p>Number Range 1 - 10</p> <ul style="list-style-type: none"> Counts the number of objects in a set Checks the count of the number of objects in a set Counts rearranged number arrays and get the same total Counts an irregular arrangement of objects – different in size, shape or colour Counts on by ones – give the number after any number Starts counting from a starting point other than 1 Recognises when an error has been made in counting Selects the correct word to represent a collection of objects Selects the correct numeral to represent a collection of objects Compares equivalent and non-equivalent sets by matching Orders sets of objects in ascending order Uses ordinal language <i>first to ninth</i> Classifies other sets as <i>less, more, the same as</i> another set |
| | 5 | <p>Number Range 0 - 10</p> <ul style="list-style-type: none"> Counts the number of objects in a set Counts down to zero Recognises the numeral zero as symbolising the empty set Checks the count of the number of objects in a set Counts rearranged number arrays and get the same total Counts an irregular arrangement of objects – different in size, shape or colour |

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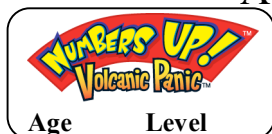
| Age | Level | Numeration |
|-----|-------|---|
| | | <p>Counts on by ones – give the number after any number Starts counting from a starting point other than 1 Recognises when an error has been made in counting Selects the correct word to represent a collection of objects Selects the correct numeral to represent a collection of objects Compares equivalent and non-equivalent sets by matching Orders sets of objects in ascending order Uses ordinal language <i>first to tenth</i> Classifies other sets as <i>less, more, the same as</i> another set Identifies the inequality – <i>there are 2 more bears than beds</i></p> |
| 6-7 | 6 | <p>Number Range 0 - 10 Counts the number of objects in a set Counts down to zero Recognises the numeral zero as symbolising the empty set Checks the count of the number of objects in a set Counts rearranged number arrays and get the same total Counts an irregular arrangement of objects – different in size, shape or colour Counts on by ones – give the number after any number Starts counting from a starting point other than 1 Recognises when an error has been made in counting Selects the correct word to represent a collection of objects Selects the correct numeral to represent a collection of objects Compares equivalent and non-equivalent sets by matching Orders sets of objects in ascending order Uses ordinal language Classifies other sets as <i>less, more, the same as</i> another set Identifies the inequality – <i>there are 2 more bears than beds</i> Recognises and copies simple patterns Detects an inconsistency in a repeating pattern Recognises number patterns and predicts subsequent numbers (1 gap)</p> |

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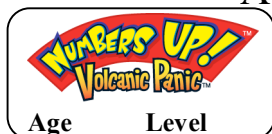
| Age | Level | Numeration |
|-----|-------|--|
| 7 | 7 | <p>Number Range 0 - 20</p> <ul style="list-style-type: none"> Counts the number of objects in a set Counts down to zero Recognises the numeral zero as symbolising the empty set Checks the count of the number of objects in a set Counts rearranged number arrays and get the same total Counts an irregular arrangement of objects – different in size, shape or colour Counts on by ones – give the number after any number Starts counting from a starting point other than 1 Recognises when an error has been made in counting Selects the correct word to represent a collection of objects Selects the correct numeral to represent a collection of objects Compares equivalent and non-equivalent sets by matching Orders sets of objects in ascending order Uses ordinal language <i>first to twentieth</i> Classifies other sets as <i>less, more, the same as</i> another set Identifies the inequality – <i>there are 2 more bears than beds</i> Recognises and copy simple patterns Detects an inconsistency in a repeating pattern Recognises number patterns and predict subsequent numbers (1 gap) Counts by twos up to 20 and back from 20 Recognises different patterns and arrays of the same number Identifies the number that lies between 2 given numbers |
| 7-8 | 8 | <p>Number Range 0 – 30</p> <ul style="list-style-type: none"> Identifies the number 1 more or less than any given number Identifies the number 10 more or less than any given number Identifies how numbers are grouped in tens and units Partitions a teens number into tens and units Uses zero as a place holder Counts by twos, fives and tens. Recognises odd and even numbers to 30 Reads and writes numerals and number words to 30 Partitions teens numbers into tens and units Orders numbers up to 30. Recognises number patterns and predicts subsequent numbers Detects inconsistencies in repeating patterns |

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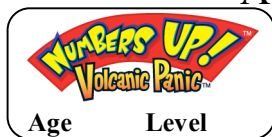
| Age | Level | Numeration |
|-----|-------|--|
| 8 | 9-11 | <p>Number Range 0 – 100</p> <p>Knows numbers in order forwards from 0 to 100 Knows numbers in order backwards from 100 to 0 Counts by twos, fives and tens forwards from 0 to 100 Counts by twos, fives and tens backwards from 100 to 0 Identifies and extends simple number sequences Counts on or back by 1 from any 2-digit number Counts on or back by 10 from any 2-digit number Recognises odd and even numbers to 30 Reads and writes whole numbers to 100 in words and numerals Knows what each figure in a 2-digit number represents Can partition 2-digit numbers into tens and units Can rebuild 2-digit numbers from tens and units collections Uses and understands zero as a place holder Can compare and order 2-digit numbers Uses ordinal numbers to <i>one hundredth</i></p> |
| 9 | 12-13 | <p>Number Range 0 – 1 000</p> <p>Reads and write whole numbers to 1 000 – figures and words Counts on or back in ones from any 2- or 3-digit number Counts on or back by twos from any 2- or 3-digit number Recognises odd and even numbers to 100 Counts on or back in threes, fours and fives from any 2- or 3-digit number Counts on or back in tens from any 2- or 3-digit number Counts on or back by 100 from any 2- or 3-digit number Recognises 2- and 3-digit multiples of 2, 5 and 10 Recognises 3-digit multiples of 50 and 100 Knows what each figure in a 3-digit number represents Partitions 3-digit numbers into hundreds, tens and units Rebuilds 3-digit numbers from hundreds, tens and units collections Orders and compares 2- and 3-digit numbers Rounds any 2-digit number to the nearest ten multiple Rounds any 3-digit number to the nearest ten or one hundred multiple Uses ordinal numbers up to <i>one hundredth</i></p> |

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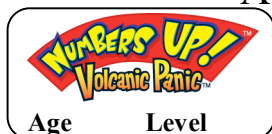
| Age | Level | Numeration |
|-----|-------|--|
| | 14-15 | <p>Number Range 0 – 1 000</p> <p>Reads and write whole numbers to 1 000 – figures and words</p> <p>Counts on or back in ones from any 2- or 3-digit number</p> <p>Counts on or back by twos from any 2- or 3-digit number</p> <p>Recognises odd and even numbers to 100</p> <p>Counts on or back in threes, fours and fives from any 2- or 3-digit number</p> <p>Counts on or back in tens from any 2- or 3-digit number</p> <p>Counts on or back by 100 from any 2- or 3-digit number</p> <p>Recognises 2- and 3-digit multiples of 2, 5 and 10</p> <p>Recognises 3-digit multiples of 50 and 100</p> <p>Knows what each figure in a 3-digit number represents</p> <p>Partitions 3-digit numbers into hundreds, tens and units</p> <p>Rebuilds 3-digit numbers from hundreds, tens and units collections</p> <p>Orders and compares 2- and 3-digit numbers</p> <p>Rounds any 2-digit number to the nearest ten multiple</p> <p>Rounds any 3-digit number to the nearest ten or one hundred multiple</p> <p>Uses ordinal numbers up to <i>one hundredth</i></p> <p>Understands the process of multiplying 2- and 3-digit numbers by 10 and by 100</p> |
| 10 | 16-17 | <p>Number Range 1 – 10 000</p> <p>Reads and write whole numbers to 10 000 – figures and words</p> <p>Knows what each digit represents in any 4-digit number</p> <p>Partitions 4-digit numbers into thousands, hundreds, tens and units</p> <p>Rebuilds 4-digit numbers from thousands, hundreds, tens and units collections</p> <p>Adds or subtracts 1 to or from any 1-, 2-, 3- or 4-digit number</p> <p>Adds or subtracts 10 to or from any 1-, 2-, 3- or 4-digit number</p> <p>Adds or subtracts 100 to or from any 1-, 2-, 3- or 4-digit number</p> <p>Adds or subtracts 1 000 to or from any 1-, 2-, 3- or 4-digit number</p> <p>Multiplies any 2-, 3- or 4-digit number by 10</p> <p>Divides any 2-, 3- or 4-digit ten multiple by 10</p> <p>Multiplies any 2-, 3- or 4-digit number by 100</p> <p>Divides any 3- or 4-digit one hundred multiple by 100</p> <p>Compares and orders numbers up to 10 000</p> <p>Estimates numbers and proportions of numbers e.g. <i>about half</i></p> <p>Recognises and extends number sequences</p> <p>Recognises odd and even numbers up to 1 000</p> <p>Recognises multiples of 2,3,4,5 and 10</p> |

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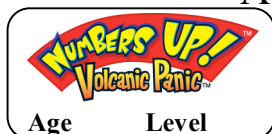
| Age | Level | Numeration |
|-----|-------|---|
| | 18 | <p>Number Range - Any positive integer Reads and write any positive integer in figures or words Knows what each digit represents in any positive whole number Multiplies any positive integer up to 10 000 by 10 Divides any positive integer up to 10 000 by 10 Multiplies any positive integer up to 10 000 by 100 Divides any positive integer up to 10 000 by 100 Orders and compare any numbers up to 7 digits Recognises multiples of 2,3,4,5,6,7,8,9,10 Finds simple common multiples Knows squares of numbers up to 10x10 and corresponding square roots Rounds any 2-, 3-, 4-, 5- or 6-digit number to the nearest 10, 100, 1 000, 10 000. Recognises and extends number sequences and patterns</p> |
| 11 | 19-20 | <p>Number Range - Any positive integer, decimal numbers to one decimal place Reads and write any positive integer in figures or words Knows what each digit represents in any positive whole number Multiplies any positive integer up to 10 000 by 10 Divides any positive integer up to 10 000 by 10 Multiplies any positive integer up to 10 000 by 100 Divides any positive integer up to 10 000 by 100 Orders and compare any numbers up to 7 digits Recognises multiples of 2,3,4,5,6,7,8,9,10 Finds simple common multiples Knows squares of numbers up to 12x12 and corresponding square roots Rounds any 2-, 3-, 4-, 5- or 6-digit number to the nearest 10, 100, 1 000, 10 000, 100 000. Recognises and extends number sequences and patterns Recognises and understands place value for tenths Reads and understands decimal notation to one decimal place Rounds a number with one decimal place to the nearest integer Recognises prime numbers up to 100 Compares and orders numbers with up to one decimal place</p> |

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| Age | Level | Numeration |
|-----|-------|---|
| 12 | 21 | <p>Number Range - Any positive integer, decimal numbers to two decimal places</p> <p>Reads and write any positive integer in figures or words Knows what each digit represents in any positive whole number Multiplies any positive integer up to 10 000 by 10 Divides any positive integer up to 10 000 by 10 Multiplies any positive integer up to 10 000 by 100 Divides any positive integer up to 10 000 by 100 Orders and compare any numbers up to 7 digits Recognises multiples of 2,3,4,5,6,7,8,9,10 Finds simple common multiples Knows squares of numbers up to 12x12 and corresponding square roots Rounds any 2-, 3-, 4-, 5- or 6-digit number to the nearest 10, 100, 1 000, 10 000, 100 000. Recognises and extends number sequences and patterns Recognises and understands place value for tenths Reads and understands decimal notation to two decimal places Rounds a number with two decimal places to the nearest integer Recognises prime numbers up to 100 Compares and orders numbers with up to two decimal places</p> |
| | 22 | <p>Number Range – Any positive integer, decimal numbers to three decimal places, negative integers in context</p> <p>Reads and write any number from 0.001 to 10 000 000 and knows what each digit represents Uses and understands zero as a place holder in any context e.g. 0.35, 3.05, 3.50, etc Can add/subtract 0.1 and 0.01 to/from any number Counts forwards or backwards from any number by increments of 0.01, 0.1, 1, 10, 100, 1 000, 10 000, 100 000 Multiplies and divides by 0.1, 10, 100, 1 000 Orders and compares decimal numbers to three decimal places Uses positive and negative integers in context e.g. temperature Recognises prime numbers up to 100 Knows squares of numbers up to 12x12 and corresponding square roots Knows squares to 10 multiples up to 100 and corresponding square roots Knows squares of decimal numbers 0.1 to 0.9 and corresponding square roots Can solve number and place value problems</p> |

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| Age | Level | Numeration |
|-------|-------|---|
| 13-15 | 23-26 | <p>Number Range – Any positive integer, decimal numbers to three decimal places, negative integers, index notation, scientific notation (Standard Form)</p> <p>Reads and write any number from 0.001 to 10 000 000 and knows what each digit represents</p> <p>Uses and understands zero as a place holder in any context e.g. 0.35, 3.05, 3.50, etc</p> <p>Can add/subtract 0.1 and 0.01 to/from any number</p> <p>Counts forwards or backwards from any number by increments of 0.01, 0.1, 1, 10, 100, 1 000, 10 000, 100 000</p> <p>Multiplies and divides by 0.01, 0.1, 10, 100, 1 000</p> <p>Orders and compares decimal numbers to three decimal places</p> <p>Orders and compares numbers written using index notation</p> <p>Uses positive and negative integers in context e.g. temperature</p> <p>Recognises prime numbers up to 100</p> <p>Knows squares and cubes of numbers up to 12x12 and corresponding roots</p> <p>Knows squares and cubes of 10 multiples up to 100 and corresponding roots</p> <p>Knows squares and cubes of decimal numbers 0.1 to 0.9 and corresponding roots</p> <p>Recognises that a square number has both positive and negative roots</p> <p>Recognises that the cube root of a negative number is negative and the cube root of a positive number is positive</p> <p>Can solve number and place value problems</p> <p>Rounds numbers of any size</p> <p>Rounds numbers of any size to a given number of significant figures</p> <p>Compares and order numbers written using index notation</p> <p>Converts from ordinary numerals to Roman numerals and vice versa</p> |