| Mount Charles <br> Place Value and Number <br> Key Objective. K-Knowledge S-Skill |  |  |  |  |  |  |  |
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|  | EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|  | Number <br> One, two, three to twenty and beyond <br> None <br> Count <br> on/up/to/from/down <br> Before, after <br> More, less, many, <br> few, fewer, fewest, <br> smaller, smallest <br> Equal to, the same as <br> Odd, even <br> Digit <br> Numeral <br> Compare <br> Order <br> Size <br> Value <br> Between, halfway <br> between | tens (10s) <br> ones (1s) <br> more <br> fewer <br> order <br> smallest <br> 100 square number <br> square place value <br> grid <br> sort <br> group <br> number track digit <br> pattern <br> one more <br> one less matched <br> fewer <br> greater than (>) less <br> than (<) equal to (=) <br> most <br> least <br> fewest <br> greatest number line tens (10s) ones (1s) more fewer order smallest | Numbers to one hundred <br> Hundreds <br> Partition, recombine Hundred more/less | Estimate <br> Exchange <br> Numbers to one thousand | Nearest <br> Step <br> Descending <br> Ascending <br> Tenths <br> Hundredths <br> Decimal (places) <br> Round (to nearest) <br> Thousand more/less than <br> Negative numbers Count through zero Roman numerals (I to C) | million <br> step descending <br> ascending <br> nearest <br> Powers of 10 | Numbers to ten million |


|  | Enjoys reciting numbers from 0 to 10 (and beyond) and back from 10 to 0 Counts out up to 10 objects from a larger group <br> - Engages in subitising numbers to four and maybe five Increasingly confident at putting numerals in order 0 to 10 (ordinality) Matches the numeral with a group of items to show how many there are (up to 10) |  |  |  |  | interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero <br> K - when negative numbers are used (Temperature) K - how to read negative numbers <br> S - counting forwards and backwards through zero <br> count forwards or backwards in steps of powers of 10 for any given number up to 1 000000 <br> K - multiply by 10,100, 1000, 10 000, 100000 <br> K - order of numbers to 1000000 <br> S - counting forwards and backwards to 1 000000 <br> S - multiplying any number by 10,100 , 1000, 10 000, 100000 | use negative numbers in context, and calculate intervals across zero <br> K - when negative numbers are used (Temperature) K - how to read negative numbers <br> S - using a number line to calculate intervals S |
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|  |  |  |  |  |  |  | S - give the value of any digit in a number to 10 million |




|  |  |  | recognise the place value of each digit in a two-digit number (tens, ones) <br> K - value of numerals K - each digit has a different value in a 2 digit number <br> $S$ - recognize the place value of each digit in a 2 digit number | recognise the place value of each digit in a three-digit number (hundreds, tens, ones) <br> K - each digit has a different value in a 3 digit number <br> S-recognize the place value of each digit in a 3 digit number | recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones) <br> K - each digit has a different value in a 4 digit number <br> $S$ - recognize the place value of each digit in a 4 digit number <br> 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) | read, write, order and compare numbers to at least 1000000 and determine the value of each digit (appears also in Reading and Writing Numbers) <br> K - which numerals represent each number to at least 1 million <br> K - value of each digit in a number up to 7 digits <br> S - to write numbers up to at least 1 million $S$-to read numbers up to at least 1 million. <br> recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents (copied from Fractions) | read, write, order and compare numbers up to 10000000 and determine the value of each digit (appears also in Reading and Writing Numbers) <br> K - which numerals represent each number to 10 million K - value of each digit in a number up to 8 digits S - to write numbers up to 10 million <br> S-to read numbers up to 10 million. <br> 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 |
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