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| **Year Two**  |
| **Autumn** |
| **Number and Place Value****(4 weeks)** | **Addition and Subtraction****(5 weeks)** | **Shape****(3 weeks)** |
| Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward Recognise the place value of each digit in a two-digit number (tens, ones) Identify, represent and estimate numbers using different representations, including the number line Compare and order numbersfrom 0 up to 100; use and = signs read and write numbers to at least 100 in numerals and in words use place value and number facts to solve problems. | Read, write and interpret mathematical statements involving addition, subtraction and equals signs.Represent and use number bonds and related subtraction facts within 20Add and subtract one-digit and two-digit numbers to 20, including zero.Solve one-step problems that involve addition and subtraction using concrete objects and pictorial representations.add and subtract numbers using concrete objects, pictorial representations, and mentally, including:* a two-digit number and ones
* a two-digit number and tens
* two two-digit numbers
* adding three one-digit numbers

Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems. | Pupils should be taught to identify and describe the properties of 2-D shapes, Including the number of sides and line symmetry in a vertical line Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid] Compare and sort common 2-D and 3-D shapes and eveeveryday objects |

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| **Year Two**  |
| **Spring** |
| **Money****(2 weeks)** | **Multiplication****(5 weeks)** | **Measurement****Length and Height** **Mass, Capacity and Temperature****(3 weeks)** |
|  Recognise 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 in a practical context involving addition and subtraction of money of the same unit, including giving change | Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers Double and halve numbers.Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs  Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts. | Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vesselsCompare and order lengths, mass, volume/capacity and record the results using >, < and = |

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| **Year Two**  |
| **Summer** |
| **Fractions****(3weeks )** | **Time****(3 weeks)** | **Statistics****(2 weeks)** | **Position and Direction****(2 weeks)** |
| Recognise, find, name and write fractions 1/3 , ¼, 2/4 and ¾ of a length, shape, set of objects or quantity Write simple fractions for example, ½ of 6 = 3 and recognise the equivalence of 2/4 and ½ | Compare and sequence intervals of time.Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times. Know the number of minutes in an hour and the number of hours in a day.  | Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity Ask and answer questions about totalling and comparing categorical data. | Order and arrange combinations of mathematical objects in patterns and sequences.Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right. Recognise angles for quarter, half and three quarter turns (clockwise and anti-clockwise) |

\*Summer term units of work for Year One and Year Two may be slightly amended when more detailed information about the Summer Term White Rose Units is available.