River View Primary School		
Mathematics	**Year 2**	**Autumn**

What will I know by the end of the unit?

Place Value

Count in steps of 2, 3 and 5 from 0, and in tens from any number, forwards and backwards. Read and write numbers to at least 100 in numerals and in words. Identify, represent and estimate numbers using different representations including a number line. Recognise the place value of each digit in a two-digit number. Compare and order numbers from 0 up to 100; use <, > and = signs. Use place value and number facts to solve problems.

Addition and Subtraction

Recall and use addition and subtraction facts to 20 fluently and derive related facts up to 100. Show that addition of two numbers can be done in any order and subtraction of one number from another cannot. Add and subtract numbers including: a two-digit number and ones; a two-digit number and tens; two-digit numbers and adding three one-digit numbers. Solve problems with addition and subtraction.

Shape

Identify and describe the properties of 2-D shapes, including the number of sides and lines of symmetry in a vertical line. Identify 2-D shapes on the surface of 3-D shapes. Compare and sort common 2-D shapes and everyday objects. Recognise and name common 3-D shapes. Compare and sort common 3-D shapes and everyday objects.

Technical Vocabulary	
digit	any number from 0 to 9
number	a value used to represent a quantity
numeral	a symbol or name that stands for a number
estimate	roughly calculate
place value	indicates the position of a numeral
plus	another word for add
add	taking two or more numbers and adding them together
addend	a number which is added to another
sum	the result when two or more numbers are added together
total	the whole number or amount
subtract	take away a number from another number
minuend	a quantity or number from which another is to be subtracted
subtrahend	a quantity or number to be subtracted from another
difference	the result of subtracting one number from another
symmetrical	a shape identical on either side of a line dividing it into two parts
vertical line	a line which is at right angles to a horizontal line