Maths, Year 1, Autumn 1

This term I will be learning and practising

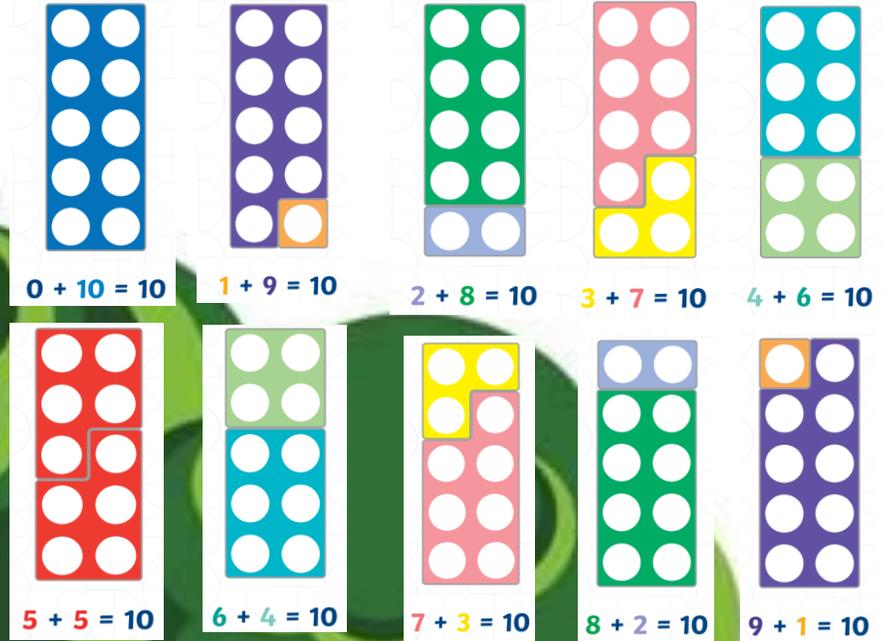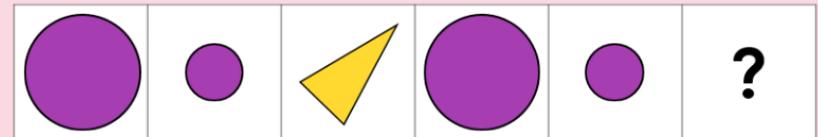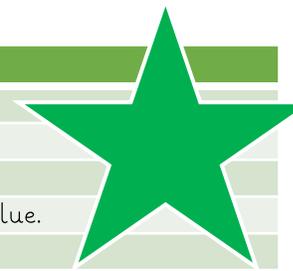|	
Unit 1 Numbers to 10	I can count, read and write numbers to 10 in numerals in words
	I can identify and represent numbers using objects
	I can identify one more and one less than a given number.
	I can use numbers bonds and related subtraction facts (within 10)
	I can count in multiples of two.
Unit 2 Addition and subtraction within 10	I can add and subtract one-digit numbers to 10.
	I can read and write addition (+), subtraction (−) and equals (=) signs.
	I can solve one-step problems that involve addition and subtraction using objects.
Unit 3 Shape and patterns	I can recognise and name common 2D and 3-D shapes.
	I can create repeating patterns using 2D and 3D shapes.
	I can describe position, direction and movement, including quarter turns.

0 1 2 3 4 5 6 7 8 9 10

Number bonds to 10

$0 + 10 = 10$ $1 + 9 = 10$ $2 + 8 = 10$ $3 + 7 = 10$ $4 + 6 = 10$

$5 + 5 = 10$ $6 + 4 = 10$ $7 + 3 = 10$ $8 + 2 = 10$ $9 + 1 = 10$

Finding the missing shape in a pattern

Develop Learning

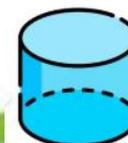| Unit	Term	Definition
Unit 1 Numbers to 10	number	Rightmost digit in a number representing single objects.
	fewer	A smaller amount of objects or items compared to another set.
	more	A larger amount of objects or items compared to another set.
	same value	Two numbers which are equal to another, they are the same in size or value.
	part	A piece of a whole.
	whole	All of something, it is complete.
	number bond	A pair of numbers with a given total.
	double	To multiply by two or add a value to itself.
	half	One or two equal parts of a shape, quantity or object.
	equal	Indicates equivalence between two values and can be expressed with the symbol '='.
Unit 2 Addition and subtraction within 10	one more	The number that follows a given number in the sequence.
	one less	The number that comes before a number in the sequence.
	addition	The operation to combine at least two number or quantities to for a further number of quantity, the sum or total.
	subtraction	The operation when you take one number away from another,
	altogether	The total or sum of a collection of numbers,
	total	The sum or the whole amount.
	number line	A linear, continuous representation of number. Each number occupies a point on the line, and there is an equal interval between each number.
	partition	Breaking down a number into smaller parts.
Unit 3 Shape and patterns	vertex	The point at which two or more lines intersect.
	face	One of the place surfaces of a solid shape.
	sphere	A 3D shape with a continuous surface, which is at all points equidistant from its centre. It has an infinite number of flat faces and straight edges.
	curved surface	A non-plane surface of a 3D shape. Both cones and cylinders have curved surfaces.
	cylinder	A 3D shape with two circular faces joined by a curved surface.
	pyramid	A 3D shape with a polygonal base and otherwise triangular faces, which form edges with the base, and which meet an apex.
	cube	A 3D shape with six identical square faces.
	cone	A 3D shape with one circular plane face, which tapers to an apex.
	cuboid	A 3D shape with six rectangular faces.
	oblong	A quadrilateral with two pairs of parallel sides of equal length.
	repeating pattern	A pattern is a series that is repeated more than one time.

1 one
2 two
3 three
4 four
5 five
6 six
7 seven
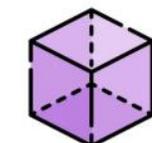8 eight
9 nine
10 ten
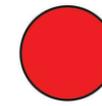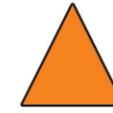
2D shapes
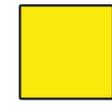
circle, triangle, square, rectangle

3D shapes

cylinder, cone, cube, sphere