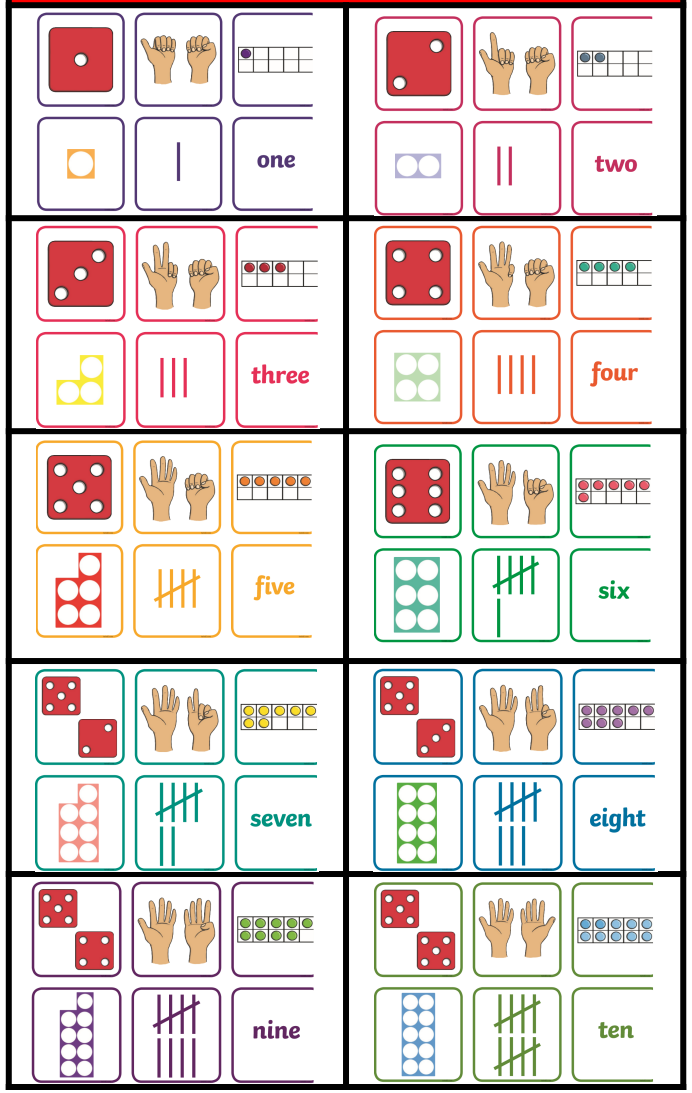
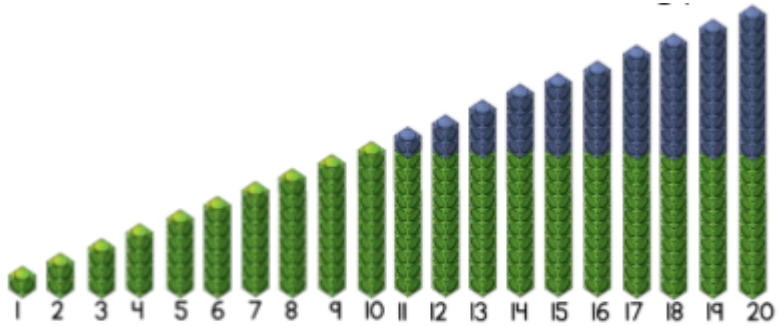
THE BRAMBLE ACADEMY

EYFS Mathematics Knowledge Organiser

Representing 1 - 10

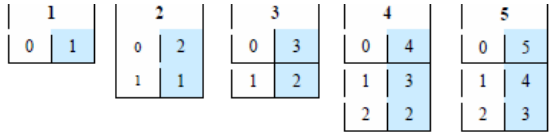


Numerals for 1 to 20 and counting to 20

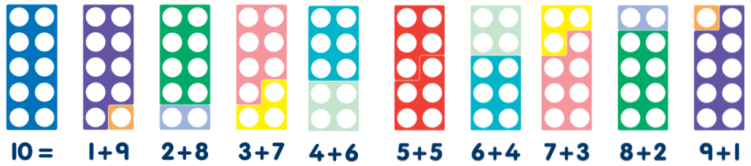


Addition & Subtraction – through number bonds

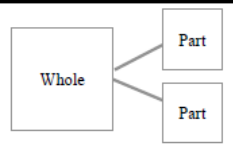
Number bonds with 5 and then extending to within 10 – exploring different ways of making 5….



And then ways of making 10



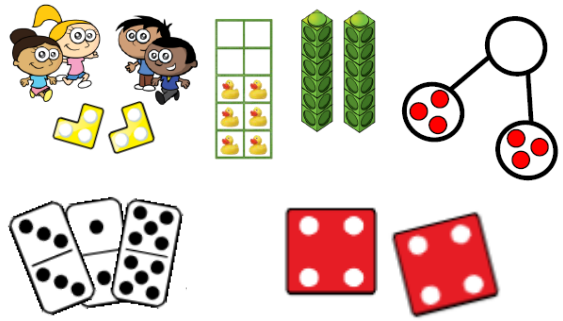
Addition & Subtraction – through part whole model and derived facts



part + part = whole
Whole – part = part

Example;
3 + 5 = 8
8 – 3 = 5

Exploring doubling and halving



Odd and even

Children will explore odd and even by sharing into 2 groups or by making pairs. Even numbers can be halved or grouped into pairs with nothing left off. Odd numbers will have one left over.

Number sentence, symbols and language

5 + 3 = 8	Addition
8 – 5 = 3	Subtraction
+	Plus
-	Subtract
=	Is equal to

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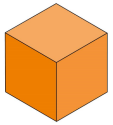
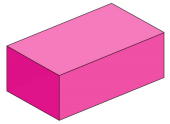
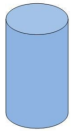
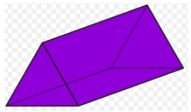
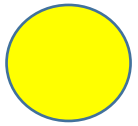
3D shapes

Cube	
Cuboid	
Cylinder	
Cone	
Pyramid	
Triangular prism	
Sphere	

2D shapes

Circle	
Triangle	
Square	
Rectangle	

Telling the time

o'clock		The minute hand points to twelve and the hour hand points to the hour.

Days of the week

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

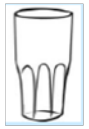
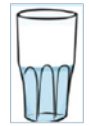
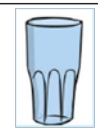
Months of the year

January	1st month
February	2nd month
March	3rd month
April	4th month
May	5th month
June	6th month
July	7th month
August	8th month
September	9th month
October	10th month
November	11th month
December	12th month

Weight

Heavy/ heavier/ heaviest	
Light/ lighter/ lightest	
Balanced/ equal	

Capacity

Empty	
Half full	
Full	

Length, height, distance

The tree is **tall**, the pencil is **short.**
Language relating to length; **longer, shorter**.
Language relating to height; **taller, shorter**.
Language relating to breadth; **wider, narrower**.

Pattern

Colour pattern		Blue, green, blue, green
Size pattern		Big, small, big, small
Length pattern		Tall, short, tall, short