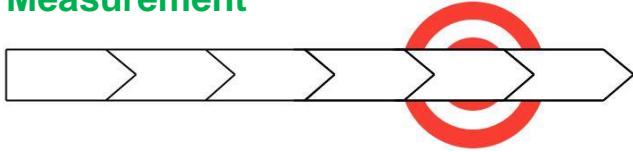
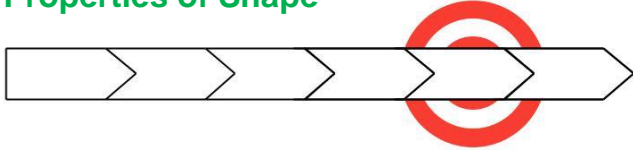


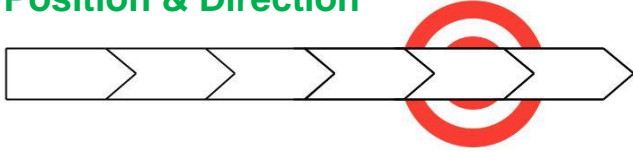
## Measurement



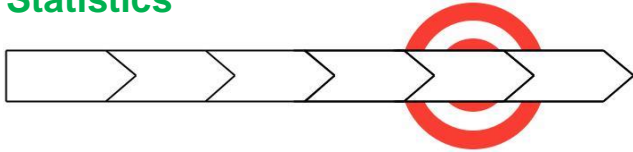
## Properties of Shape



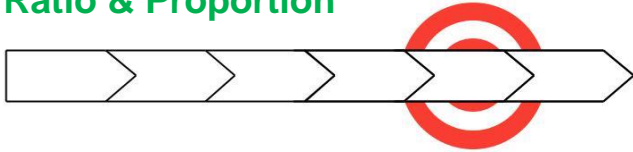
## Position & Direction



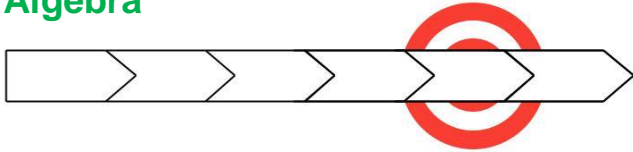
## Statistics



## Ratio & Proportion



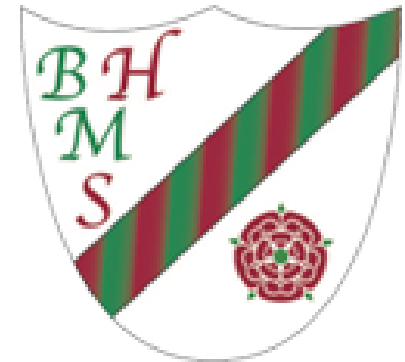
## Algebra



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## Year 6 - Maths All Other


Measurement, Properties of Shape,  
Position & Direction, Statistics,  
Ratio & Proportion, Algebra




Name \_\_\_\_\_


Class \_\_\_\_\_


## Measurement


I can solve problems involving the calculation and conversion of units of measure, using decimal notation up to three places if I need to. 


***I can use, read, write and convert between standard units. I can convert measurement of length, mass, volume and time from a smaller unit to a larger unit and vice versa.*** 


***I can do this using decimal notation up to the three decimal places.***

I can convert between miles and kilometres. 


I can recognise that shapes with the same areas can have different perimeters and vice versa. 


I can recognise when it is possible to use formulae to find the areas or volumes of shapes. 


I can calculate the areas of parallelograms and triangles. 


I can calculate, estimate and compare volumes of cubes and cuboids using standard units, including cubic centimetres (cm<sup>3</sup>), and cubic metres (m<sup>3</sup>). I can extend this to other units e.g. mm<sup>3</sup> and km<sup>3</sup>. 


## Properties of Shape

I can draw 2-D shapes using dimensions and angles I am given. 


I can recognise, describe and build simple 3-D shapes, including making nets. 


***I can compare and classify geometric shapes based on their properties and sizes. I can also find unknown angles in any triangles, quadrilaterals or regular polygons.*** 

I can illustrate and name parts of circles, including radius, diameter and circumference. I know that the diameter is twice the radius. 


I can recognise angles where they meet at a point, are on a straight line or are vertically opposite. I can then find any missing angles. 

## Position & Direction

I can describe positions in all four quadrants on a full coordinate graph. 


***I can draw and translate simple shapes on the coordinate plane and reflect these in the axis.*** 


## Statistics


***I can interpret and construct pie charts and line graphs. I can use these to solve problems.*** 


***I can calculate and interpret the mean as an average.*** 

## Ratio & Proportion

I can solve problems that involve the relative sizes of two things where the missing number can be found by multiplying or dividing by whole numbers. 


***I can solve problems involving the calculation of percentages. I can also use percentages for comparisons.*** 


I can solve problems involving shapes where the scale factor is known or can be found. 


***I can solve problems involving unequal sharing and grouping. I can use my knowledge of fractions and multiples to do this.*** 

## Algebra

***I can use simple formulae.*** 

I can create and describe linear number sequences. 

I can record missing number problems algebraically. 

I can find pairs of numbers which complete an equation with two unknowns. 

I can create a list of possibilities of the combination of two variables. 