Spring Scheme of Learning

Year 6

#MathsEveryoneCan

2020-21





	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	We	ek 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn		r: Place lue	Number: Addition, Sub Multiplication and Di			•		Number: Fractions				Geometry: Position and Direction	
Spring	Number: Decimals		Number: Percentages		Number: Algebra		Measurement: Converting Units		Measurement: Perimeter, Area and Volume		Number: Ratio		Statistics
Summer	Geometry: Properties of Shape			Consolidation or SATs preparation		Consolidation, investigations and preparations for KS3							

#### Year 6 | Spring Term | Week 1 to 2 - Number: Decimals



# Overview

### Small Steps



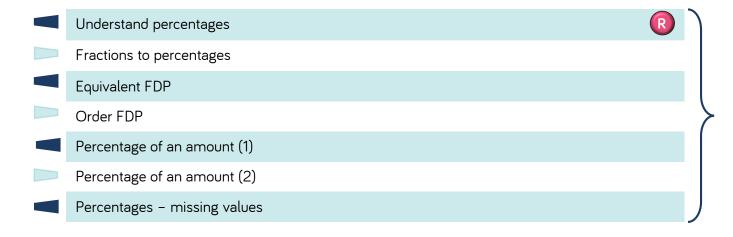
#### Notes for 2020/21

The recap steps are at the beginning of this block to ensure children have a good understanding of numbers up to three decimal places before moving on to multiplication and division.

This should build on place value work in the autumn term and make use of place value grids and counters to build on previous learning.



## Small Steps

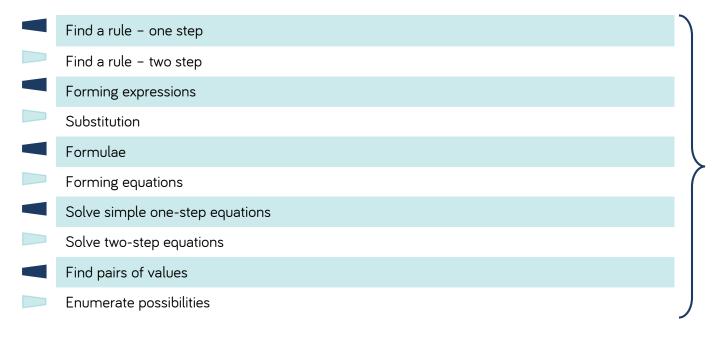


#### Notes for 2020/21

Children should have been introduced to percentages briefly in Y5 but this work may have been missed. Time spent exploring 100 as a denominator, making the link to decimals and hundredths is important. Bar models and hundred squares should be used to support understanding.



## Small Steps



#### Notes for 2020/21

All of this block is new learning for Year 6 so there are no recap steps.

Children first look at forming expressions before moving on to solving more complex equations.

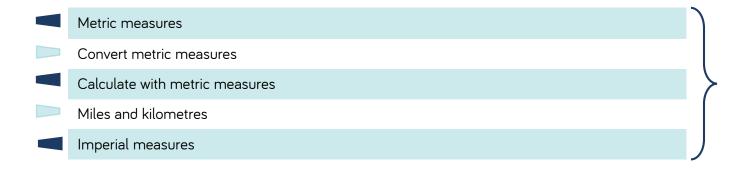
This should be introduced using concrete and pictorial methods alongside the abstract notation.

#### Year 6 | Spring Term | Week 7 - Measurement: Converting Units



# Overview Small Steps

#### Notes for 2020/21



All of this block is new learning for Year 6 so there are no recap steps.

Children explore measures in context and build on previous learning about place value.



## Small Steps



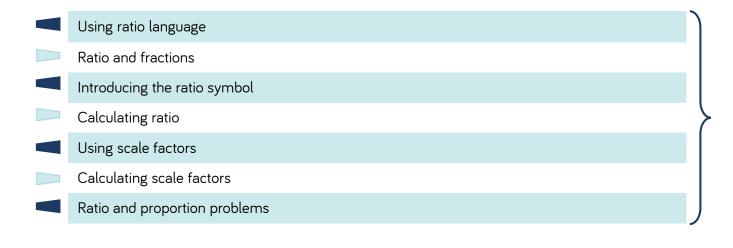
#### Notes for 2020/21

Much of this block is new learning where children build on their knowledge of area and perimeter to explore the area of a triangles and parallelograms.

The recap step on volume covers the difference between volume and capacity and gives time to explore the conservation of volume using centimetre cubes.



## Small Steps



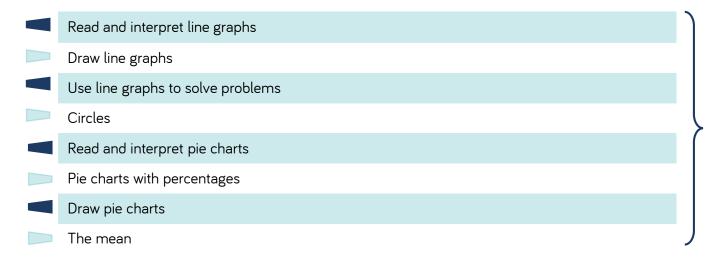
#### Notes for 2020/21

All of this block is new learning for Year 6 so there are no recap steps.

Bar models are a key representation in this topic. Children may need some extra input here if they have not used bar models throughout KS2.



## Small Steps



#### Notes for 2020/21

Time is limited at this stage in Year 6. Line graphs have been covered extensively in Year 4 and 5 so you may choose to skip these steps or merge them into one lesson. This will leave more time for pie charts and the mean.