

Spring Scheme of Learning

Year 2

#MathsEveryoneCan

2020-21

White  
Rose  
Maths

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number: Place Value			Number: Addition and Subtraction				Measurement: Money		Number: Multiplication and Division		Consolidation
Spring	Number: Multiplication and <u>Division</u>				Statistics		Geometry: Properties of Shape		Number: Fractions			
Summer	Measurement: Length and Height		Geometry: Position and Direction		Consolidation and problem solving		Measurement: Time		Measurement: Mass, Capacity and Temperature		Consolidation	

# Overview

## Small Steps

## Notes for 2020/21

- ▶ Recognise equal groups
- ▶ Make equal groups
- ▶ Add equal groups
- ▶ Multiplication sentences using the  $\times$  symbol
- ▶ Multiplication sentences from pictures
- ▶ Use arrays
- ▶ Make doubles R
- ▶ 2 times-table
- ▶ 5 times-table
- ▶ 10 times-table
- ▶ Make equal groups – sharing R
- ▶ Make equal groups – sharing
- ▶ Make equal groups – grouping R
- ▶ Make equal groups – grouping
- ▶ Divide by 2
- ▶ Odd & even numbers
- ▶ Divide by 5
- ▶ Divide by 10

Some of this content was previously in the Year 2 Autumn term. It has been moved over to Spring to allow more time on place value and addition and subtraction.

Prior to this block children had the opportunity to recap making equal groups, adding equal groups and making arrays from Year 1. Children can now build on this in the Spring term.

Concrete manipulatives are vital to introduce this topic and support children's conceptual understanding of the concept.

# Overview

## Small Steps

## Notes for 2020/21

- Make tally charts
- Draw pictograms (1-1)
- Interpret pictograms (1-1)
- Draw pictograms (2, 5 and 10)
- Interpret pictograms (2, 5 and 10)
- Block diagrams

This block leads on really nicely from multiplication and division.

Have fun with the children, gaining information about each other and creating pictograms and block diagrams practically.

# Overview

## Small Steps

## Notes for 2020/21

- Recognise 2-D and 3-D shapes
- Count sides on 2-D shapes
- Count vertices on 2-D shapes
- Draw 2-D shapes
- Lines of symmetry
- Sort 2-D shapes
- Make patterns with 2-D shapes
- Count faces on 3-D shapes
- Count edges on 3-D shapes
- Count vertices on 3-D shapes
- Sort 3-D shapes
- Make patterns with 3-D shapes

Children have briefly covered 2-D and 3-D shapes in Year 1. Now there is an opportunity to delve deeper into this concept.

Ensure correct mathematical language is used throughout to help equip children for the future. From this point on 'vertices' should be used to describe corners of shapes.

Try to make this block as practical as possible and use outdoor space to explore shapes in nature.

# Overview

## Small Steps

## Notes for 2020/21

Make equal parts

Recognise a half

Find a half

Recognise a quarter

Find a quarter

Recognise a third

Find a third

Unit fractions

Non-unit fractions

Equivalence of  $\frac{1}{2}$  and  $\frac{2}{4}$

Find three quarters

Count in fractions

Concrete manipulatives and real life representations are important in these early stages of learning with fractions.

Don't worry too much about formal learning at this stage, instead focus on activities and play based learning.

All of this content will be formalised and built upon in Year 3.