

Autumn 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

- Counting forwards and backwards within 20 R
- Tens and ones within 20 R
- Counting forwards and backwards within 50 R
- Tens and ones within 50 R
- Compare numbers within 50 R
- Count objects to 100 and read and write numbers in numerals and words
- Represent numbers to 100
- Tens and ones with a part-whole model
- Tens and ones using addition
- Use a place value chart
- Compare objects
- Compare numbers
- Order objects and numbers

It is important to spend time early on recapping numbers within 20 and 50 before moving onto numbers to 100.

Many children will need this recap as they may not be secure in their understanding of tens and ones from Y1, even though they may have met it.

Overview

Small Steps

Notes for 2020/21

- Count in 2s
- Count in 5s
- Count in 10s
- Count in 3s



We have separated the step counting in 2s, 5s and 10s into three recap steps in order to explore them in more detail.

Overview

Small Steps

Notes for 2020/21

- ▶ Fact families – addition and subtraction bonds to 20
- ▶ Check calculations
- ▶ Compare number sentences
- ▶ Related facts
- ▶ Bonds to 100 (tens)
- ▶ Add and subtract 1s
- ▶ 10 more and 10 less
- ▶ Add and subtract 10s
- ▶ Add by making 10 R
- ▶ Add a 2-digit and 1-digit number – crossing ten
- ▶ Subtraction - crossing 10 R
- ▶ Subtract a 1-digit number from a 2-digit number – crossing ten
- ▶ Add two 2-digit numbers – not crossing ten – add ones and add tens
- ▶ Add two 2-digit numbers – crossing ten – add ones and add tens


Adding by making 10 can be a difficult concept for children to grasp therefore we have included this as a recap from Year 1.

Similarly subtraction crossing 10 is recapped before children move onto more formal subtraction.

Overview

Small Steps

Notes for 2020/21

- ▶ Subtract a 2-digit number from a 2-digit number – not crossing ten
- ▶ Subtract a 2-digit number from a 2-digit number – crossing ten – subtract ones and tens
- ▶ Find and make number bonds 
- ▶ Bonds to 100 (tens and ones)
- ▶ Add three 1-digit numbers

Number bonds are an important aspect of mathematics. Extra time is devoted to this to help children become fluent.

Overview

Small Steps

Notes for 2020/21

- ▶ Recognising coins and notes R
- ▶ Count money – pence
- ▶ Count money – pounds (notes and coins)
- ▶ Count money – notes and coins
- ▶ Select money
- ▶ Make the same amount
- ▶ Compare money
- ▶ Find the total
- ▶ Find the difference
- ▶ Find change
- ▶ Two-step problems

Children may have missed learning on money in Year 1.

Before starting this block ensure that children are familiar with coins and notes.

Overview

Small Steps

Notes for 2020/21

- Make equal groups 
- Add equal groups 
- Make arrays 

Use this time to recap the basics of multiplication. Year 2 multiplication will be covered in the Spring term.