Autumn Scheme of Learning

Year 3

#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					Number: Multiplication and Division			
Spring	Number: Multiplication and Division			Measurement: Money	Statistics		Measurement: Length and Perimeter			Number: Fractions		Consolidation
Summer	Number: Fractions			Measurement: Time			Geometry: Properties of Shape		Measurement: Mass and Capacity			Consolidation

Overview

Small Steps

Represent numbers to 100	R
Tens and ones using addition	R
Hundreds	
Represent numbers to 1,000	
100s, 10s and 1s (1)	
100s, 10s and 1s (2)	
Number line to 1,000	
Find 1, 10, 100 more or less than a given number	
Compare objects to 1,000	
Compare numbers to 1,000	
Order numbers	
Count in 50s	

Notes for 2020/21

Children should already have some understanding of tens and ones from Y2, however it may be useful to recap this content before exploring hundreds.

You may want to ensure that you use plenty of examples of numbers within 100 including number lines to 100 before moving on to the number line to 1,000

Overview

Small Steps

Add and subtract multiples of 100	
Add and subtract 1s	R
Add and subtract 3-digit and 1-digit numbers – not crossing 10	
Add a 2-digit and 1-digit number - crossing 10	R
Add 3-digit and 1-digit numbers – crossing 10	
Subtract a 1-digit number from 2-digits - crossing 10	R
Subtract a 1-digit number from a 3-digit number – crossing 10	
Add and subtract 3-digit and 2-digit numbers – not crossing 100	
Add 3-digit and 2-digit numbers – crossing 100	
Subtract a 2-digit number from a 3-digit number – crossing 100	
Add and subtract 100s	
Spot the pattern – making it explicit	
Add two 2-digit numbers - crossing 10 - add ones & add tens	R
Subtract a 2-digit number from a 2-digit number - crossing 10	R

Notes for 2020/21

Children should have met addition and subtraction of 2-digits + 2-digits, although it may not be embedded and they may not have met the formal column method.

We have added steps that provide opportunity for recap/introduce the formal method of 2-digits + 2-digits.

Overview

Small Steps

- Add and subtract a 2-digit and 3-digit numbers – not crossing 10 or 100
- Add a 2-digit and 3-digit numbers – crossing 10 or 100
- Subtract a 2-digit number from a 3-digit number – crossing 10 or 100
- Add two 3-digit numbers – not crossing 10 or 100
- Add two 3-digit numbers – crossing 10 or 100
- Subtract a 3-digit number from a 3-digit number – no exchange
- Subtract a 3-digit number from a 3-digit number – exchange
- Estimate answers to calculations
- Check answers

Notes for 2020/21

Use the early steps in this unit to recap place value of 2-digit and 3-digit numbers.

You may want to omit the estimate and check answers steps and instead embed this throughout the other steps.

Overview

Small Steps

Multiplication – equal groups	
Multiplication using the symbol	R
Using arrays	R
2 times-table	R
5 times-table	R
Make equal groups - sharing	R
Make equal groups - grouping	R
Divide by 2	R
Divide by 5	R
Divide by 10	R
Multiply by 3	
Divide by 3	
The 3 times table	

Notes for 2020/21

Children should have met the 2, 5 and 10 times table including being able to divide by 2, 5 and 10. However it may not be fully embedded.

These recap steps could be filtered in during starters or morning work to aim for fluency.

Overview

Small Steps

- Multiply by 4
- Divide by 4
- The 4 times table
- Multiply by 8
- Divide by 8
- The 8 times table

Notes for 2020/21

Understanding of the 4 and 8 times table relies on a deep knowledge of the 2s, therefore a recap would be useful.