## WRM - Year 3/4 - Scheme of Learning 2.0s



	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	Multipl	Number: Multiplication and Division  Measurement: Length, Perimeter and Area			Number: Fractions				Y3: Measurement: Mass and Capacity  Y4: Number: Decimals			Consolidation
Summer				rement: me	Stati				etry: Properties of Shape luding Y4 Position and Direction)			



## Place Value

## Common Content

#### Compare and order Find more or less Year 3 (Aut B1) Counting Representing numbers Compare objects to 1.000 Year 3 (Aut B1) Year 3 (Aut B1) Compare numbers to 1,000 Find 1, 10, 100 more Year 3 (Aut B1) Hundreds Year 4 (Aut B1) Order numbers Represent numbers to 1,000 or less than a given 1,000s, 100s, 10s and 1s Count in 50s Year 4 (Aut B1) 100s, 10s and 1s (1) Partitioning number. Year 4 (Aut B1) Compare numbers • Number line to 10,000 100s, 10s and 1s (2) Year 4 (Aut B1) Count in 1,000s Order numbers Number line to 1.000 1,000 more or less Count in 25s Within this block, Year 4 are introduced to a lot of new content including Roman Numerals Roman Numerals, Rounding and Negative Numbers. Year 3 could also Rounding Negative Year 4 (Aut B1) look at Roman Numerals as they are expected to recognise Roman Year 4 (Aut B1) Numbers Roman Numerals · Round to the Year 4 (Aut B1) Numerals to 12 on a clock face in later blocks. to 100 nearest 10 Negative Counting in different multiples could be done throughout the block as Round to the Numbers nearest 100 lesson starters with links between the different multiples being · Round to the highlighted. nearest 1,000



## Addition and Subtraction (1)

## Common Content

#### Add and subtract multiples

Year 3 (Aut B2)

- Add and subtract multiples of 100
- 3-digit and 1-digit numbers
- 3-digit and 2-digit numbers
- Add and subtract 100s
- Spot the pattern

Year 4 (Aut B2)

Add and subtract 1s, 10s, 100s and 1,000s

## Addition - adding more

#### Year 3 (Aut B2)

- Add 3-digt and 1-digit crossing 10
- Add 3-digit and 2-digit crossing 100
- 2-digit and 3-digit not crossing 10/100 (addition)
   Add two 4-digit numbers more than
- 2-digit and 3-digit crossing 10 or 100
- 3-digit numbers not crossing 10 or 100
- 3-digit numbers crossing 10 or 100

Year 4 (Aut B2)

- Add two 4-digit numbers no exchange
- · Add two 4-digit numbers one exchange
- Add two 4-digit numbers more than one exchange

Children start by pattern spotting when adding ones and multiples of 10

When adding, children begin by adding numbers with no exchange before moving onto exploring exchange by using concrete and pictorial representations to support their understanding.

Year 3 focus on adding 3-digit numbers whilst Year 4 focus on adding 4-digit numbers.

## Year 3/4 | Autumn Term | Week 5 to 8 - Number: Addition &

#### White Rose Maths

# Subtraction Addition and Subtraction (2)

## **Common Content**

#### Subtraction

#### Year 3 (Aut B2)

- Subtract 1-digit from 3-digits
- Subtract 2-digits from 3-digits crossing 100
- 2-digits and 3-digits not crossing 10 or 100
- 2-digits and 3-digits crossing 10 or 100
- · 3-digit and 3-digit (no exchange)
- 3-digit and 3-digit (exchange)

#### Year 4 (Aut B2)

- Subtract two 4-digit numbers no exchange
- Subtract two 4-digit numbers one exchange
- Subtract two 4-digit numbers more than one exchange
- · Efficient subtraction

#### Estimate and check

#### Year 3 (Aut B2)

- Estimate answers
- Check answers

#### Year 4 (Aut B2)

- Estimate answers
- Checking strategies

Subtraction is broken down into small steps focusing on different numbers of digits with or without exchange. Year 4 then consider the most efficient strategies when tackling different subtractions.

Both year groups look at how to estimate answers. This gives Year 4 the chance to consolidate their learning on rounding. Both year groups also draw their learning together through checking strategies.

## Year 3/4 | Autumn Term | Week 9 to 12 - Number: Multiplication and Division



## **Multiplication and Division**

## Common Content

#### Year 3 (Aut B3)

- Multiply by 3
- · Divide by 3
- · 3 times-table
- · Multiply by 4
- · Divide by 4
- 4 times-table
- Multiply by 8
- Divide by 8
- · 8 times-table

#### Times-tables

Year 4 (Aut B4, Spr B1)

- Multiply and divide by 6
- · 6 times table and division facts
- · Multiply and divide by 9
- · 9 times table and division facts
- · Multiply and divide by 7
- · 7 times table and division facts
- · 11 and 12 times table

## Comparing and applying

Year 3 (Spr B1)

- · Comparing statements
- Related calculations

Year 4 (Spr B1)

- Multiply 3 numbers
- Efficient multiplication

#### Equal groups

Year 3 (Aut B3)

 Multiplicationequal groups

### Multiplying and dividing by 10,100, 1 and 0

Year 4 (Aut B4)

- Multiply by 10
- Multiply by 100
- Divide by 10
- Divide by 100
- Multiply by 1 and 0
- · Divide by 1

In this block, children have a focus on times tables. Once introduced, children should practice every day to improve their fluency.

Year 4 also look at how place value is affected when multiplying and dividing by multiples of 10

Both year groups apply their knowledge of times tables by looking at related calculations and efficient multiplication.

#### Factors

Year 4 (Spr B1)

Factor pairs

Year Specific