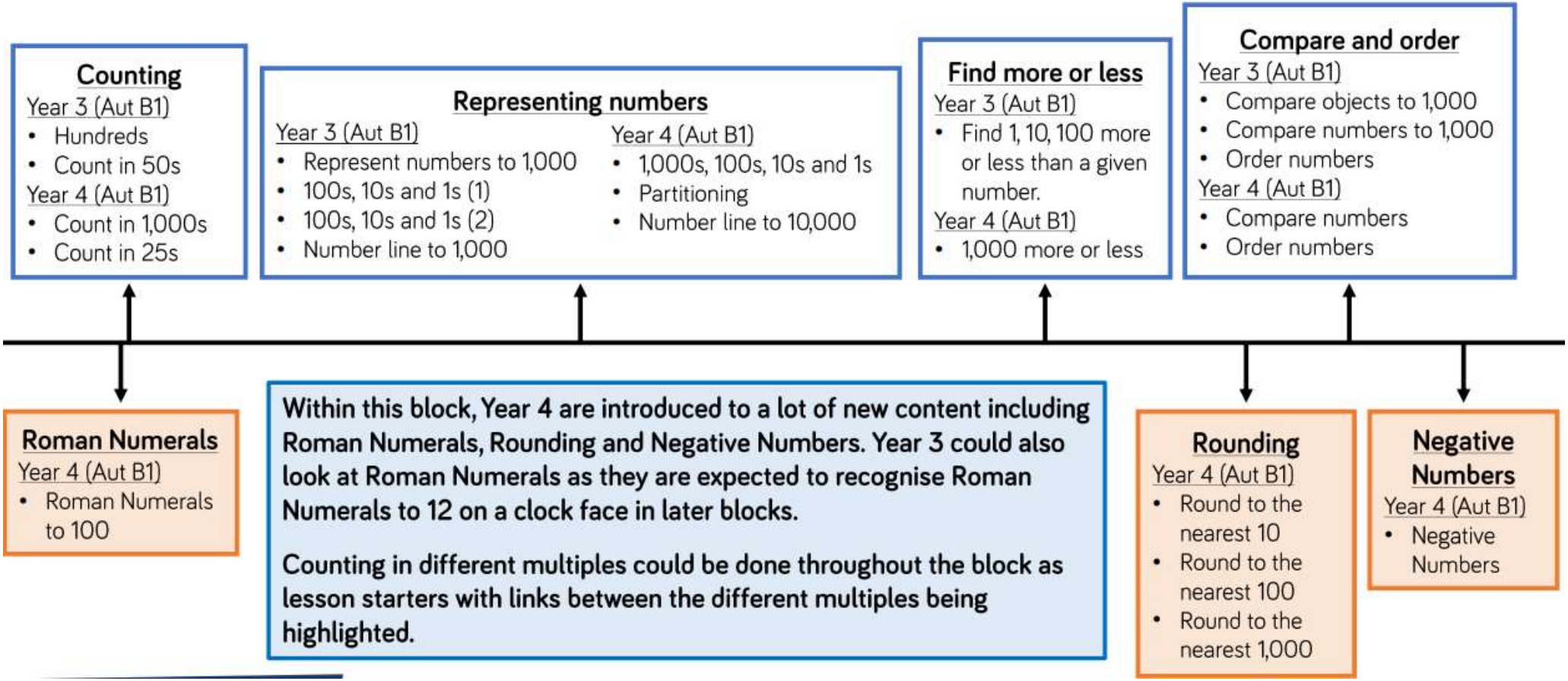
WRM – Year 3/4 – Scheme of Learning 2.0s

	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	Number: Multiplication and Division		Measurement: Length, Perimeter and Area		Number: Fractions				Y3: Measurement: Mass and Capacity			Consolidation
									Y4: Number: Decimals			
Summer	Number: Decimals (including Money)				Measurement: Time		Statistics		Geometry: Properties of Shape (including Y4 Position and Direction)			Consolidation

Place Value

Common Content



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)
- 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.

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.

Multiplication and Division

Common Content

Times-tables

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

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)
- Multiplication-equal 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

Factors

Year 4 (Spr B1)
- Factor pairs

Year Specific

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.