

	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			Measurement: Length, Perimeter and Area	
Spring	Number: Multiplication and Division			Number: Fractions					Number: Decimals (including Y5 Percentages)			
Summer	Number: Decimals (including Y4 Money)		Measurement: Time	Statistics		Geometry: Properties of Shape		Geometry: Position and Direction	Y4: Consolidation		Consolidation	
									Y5: Converting Units & Volume			

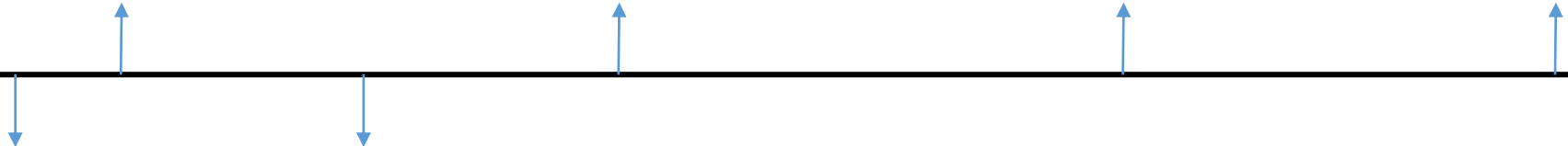
# Guidance

## Common Content

In this section, content from single-age blocks are matched together to show teachers where there are clear links across the year groups.

Teachers may decide to teach the lower year's content to the whole class before moving the higher year on to their age-related expectations.

The lower year group is not expected to cover the higher year group's content as they should focus on their own age-related expectations.



In this section, content that is discrete to one year group is outlined.

Teachers may need to consider a split input with lessons or working with children in focus groups to ensure they have full coverage of their year's curriculum.

Guidance is given on each page to support the planning of each block.

Year 4 content

Year 5 content

## Year Specific

The themes should be taught in order from left to right.

# Place Value

## Common Content

### Roman Numerals

Year 4 (Aut B1)

- Roman Numerals to 100

Year 5 (Aut B1)

- Roman Numerals to 1,000

### Representing numbers

Year 4 (Aut B1)

- 1000s, 100s, 10s and 1s
- Partitioning
- Number line to 10,000

Year 5 (Aut B1)

- Numbers to 10,000
- Number to 100,000
- Numbers to a million

### Counting

Year 4 (Aut B1)

- Count in 1,000s
- 1,000 more or less
- Count in 25s

Year 5 (Aut B1)

- Counting in 10s, 100s, 1,000s, 10,000s and 100,000s

### Compare and order

Year 4 (Aut B1)

- Compare numbers
- Order numbers

Year 5 (Aut B1)

- Compare and order numbers to 100,000
- Compare and order numbers to one million

### Rounding

Year 4 (Aut B1)

- Round to the nearest 10
- Round to the nearest 100
- Round to the nearest 1,000

Year 5 (Aut B1)

- Round to the nearest 10, 100 and 1,000
- Round numbers within 100,000
- Round numbers to one million

### Negative Numbers

Year 4 (Aut B1)

- Negative numbers

Year 5 (Aut B1)

- Negative numbers

Year 4 and 5 have a great deal of common content in this block.

Year 4 work with numbers up to 10,000 while Year 5 work with numbers to one million. Year 5 may recap Year 4 content before moving onto similar ideas with larger numbers e.g. comparing and ordering and rounding.

## Year Specific

# Addition and Subtraction

## Common Content

### Addition

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

Year 5 (Aut B2)

- Add whole numbers with more than 4-digits (column method)

### Subtraction

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

Year 5 (Aut B2)

- Subtract whole numbers with more than 4 digits (column method)

### Estimate and check

Year 4 (Aut B2)

- Estimate answers
- Checking strategies

Year 5 (Aut B2)

- Round to estimate and approximate
- Inverse operations (addition and subtraction)

### Add and subtract multiples of 10

Year 4 (Aut B2)

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

In this block, the Year 4 steps for both addition and subtraction are broken down into steps that focus on the number of exchanges the children are dealing with. Whilst Year 5 only have one small step for both addition and subtraction, teachers may decide to recap previous learning or break down their learning in a similar way to Year 4.

Although Year 4 focus on 4-digit numbers and Year 5 focus on 5-digit numbers, the skills that children use are similar across both year groups allowing teachers to teach the class as a whole group.

### Multi-step problems

Year 5 (Aut B2)

- Multi-step addition and subtraction problems

## Year Specific

# Multiplication and Division

## Common Content

### Times-tables and multiples

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

Year 5 (Aut B4)

- Multiples

### Factors

Year 4 (Spr B1)

- Factor pairs

Year 5 (Aut B4)

- Factors
- Common factors

### × and ÷ by multiples of 10

Year 4 (Aut B4)

- Multiply by 10
- Multiply by 100
- Divide by 10
- Divide by 100

Year 5 (Aut B4)

- Multiply by 10, 100 and 1,000
- Divide by 10, 100 and 1,000
- Multiples of 10, 100 and 1,000

### × and ÷ by 1 and 0

Year 4 (Aut B4)

- Multiply by 1 and 0
- Divide by 1

### Multiply 3 numbers

Year 4 (Spr B1)

- Multiply 3 numbers

### Primes, Squares and Cubes

Year 5 (Aut B4)

- Prime numbers
- Square numbers
- Cube numbers

In this block, Year 4 children focus on times-tables and Year 5 children link this learning to the concept of multiples. It is important that children focus on all times-tables up to the 12 times-table to improve fluency. Practicing on a daily basis will support children with retention.

Year 5 move onto learning about prime, square and cube numbers whilst Year 4 may focus on multiplying 3 numbers and the associative law.

## Year Specific

# Length, Perimeter and Area

## Common Content

**Perimeter**

Year 4 (Aut B3)

- Perimeter on a grid
- Perimeter of a rectangle
- Perimeter of rectilinear shapes

Year 5 (Aut B5)

- Measure perimeter
- Calculate perimeter

**Area**

Year 4 (Spr B2)

- What is area?
- Counting squares
- Making shapes
- Comparing area

Year 5 (Aut B5)

- Area of rectangles
- Area of compound shapes
- Area of irregular shapes

**Kilometres**

Year 4 (Aut B3)

- Kilometres

Year 4 start the block looking at kilometres, this is a good opportunity for Year 5 to recap their previous year’s learning ready for the rest of the block.

Both year groups explore measuring and calculating the perimeter of rectilinear shapes in both centimetres and metres.

When looking at area, Year 4 focus on counting squares to calculate the area of rectilinear shapes whilst Year 5 move onto using a formula to calculate the area of rectangles. They also calculate the area of rectilinear shapes and estimate the area of irregular shapes.

## Year Specific