Nova Primary Academy
Ambitious and Proud

Our Maths Constellation Pathway

EYFS

Autumn

Match, sort and compare
Talk about measure and patterns
It's me 1, 2, 3
Circles and triangles
1, 2, 3, 4, 5
Shapes with 4 sides

Spring

Alive in 5
Mass and capacity
Growing 6, 7, 8
Length, height and time
Building 9 and 10
Explore 3D shapes

Summer

To 20 and beyond
How many now?
Manipulate, compose and decompose
Sharing and grouping
Visualise, build and map
Make connections

Summer

Multiplication and division
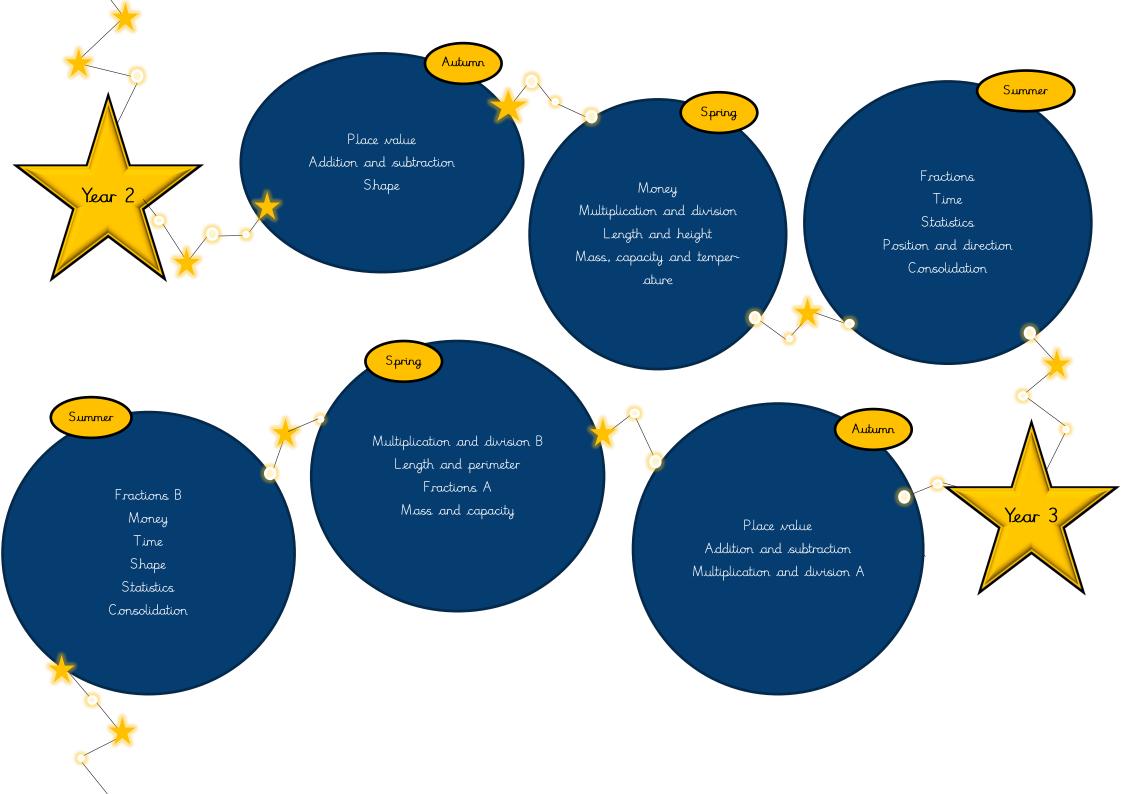Fractions
Position and direction
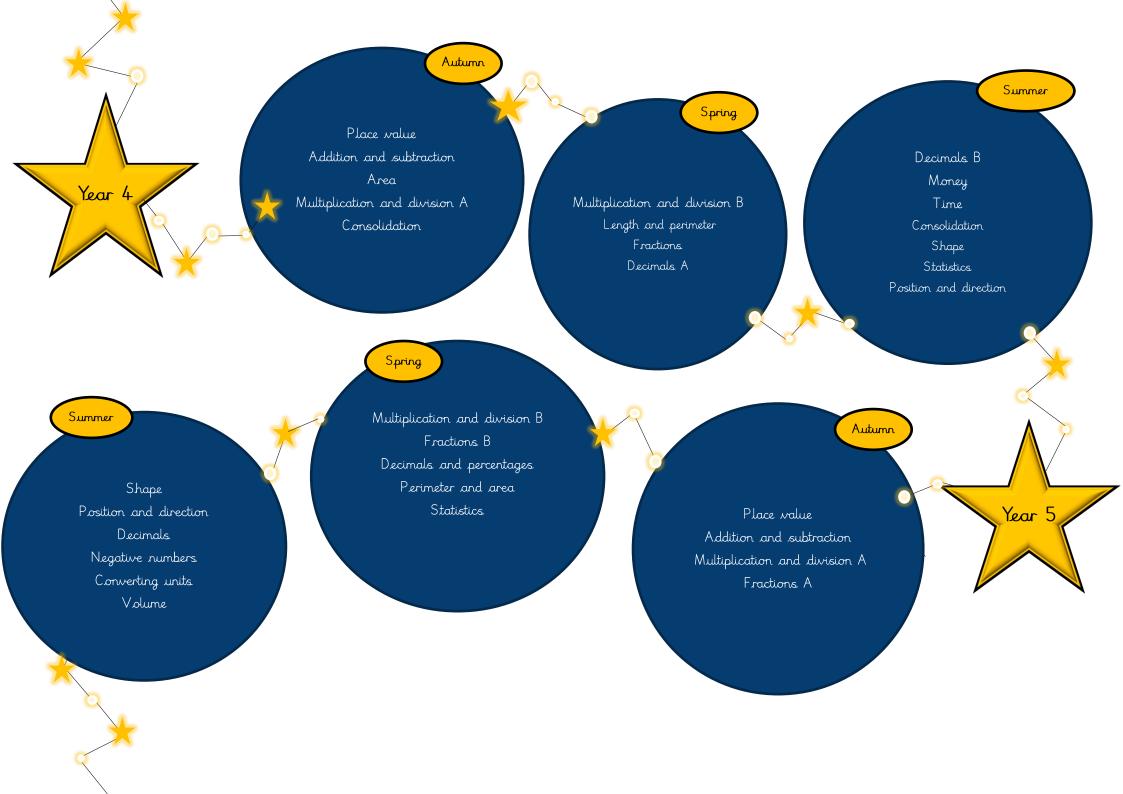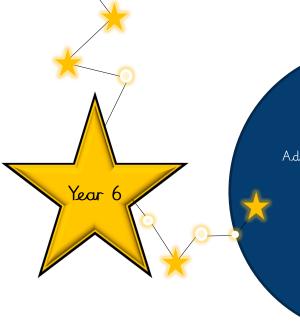Place value (within 100)
Money

Spring

Place value (within 20)
Addition and subtraction (within 20)
Place value (within 50)
Length and height
Mass and volume

Autumn

Place value (within 10)
Addition and subtraction (within 10)
Geometry—Shape
Consolidation

Year 1

Year 2

Autumn

Place value
Addition and subtraction
Shape

Spring

Money
Multiplication and division
Length and height
Mass, capacity and temperature

Summer

Fractions
Time
Statistics
Position and direction
Consolidation

Summer

Fractions B
Money
Time
Shape
Statistics
Consolidation

Spring

Multiplication and division B
Length and perimeter
Fractions A
Mass and capacity

Autumn

Place value
Addition and subtraction
Multiplication and division A

Year 3

Year 4

Place value
Addition and subtraction
Area
Multiplication and division A
Consolidation

Multiplication and division B
Length and perimeter
Fractions
Decimals A

Decimals B
Money
Time
Consolidation
Shape
Statistics
Position and direction

Shape
Position and direction
Decimals
Negative numbers
Converting units
Volume

Multiplication and division B
Fractions B
Decimals and percentages
Perimeter and area
Statistics

Place value
Addition and subtraction
Multiplication and division A
Fractions A

Year 5

Year 6

Place value
Addition, subtraction, multiplication and division
Fractions A
Fractions B
Converting units

Ratio
Algebra
Decimals
Fractions, decimals and percentages
Area, perimeter and volume
Statistics

Shape
Position and direction
Themed projects, consolidation and problem solving

At KS3, pupils will also expand their learning on the following:
Directed number
Operation and equations
Fractional thinking
Addition and subtraction of fractions
Lines and angles
Constructing, measuring and using geometric notation
Developing geometric reasoning
Reasoning with number
Developing number sense
Sets and probability
Prime numbers and proof

At KS3 pupils will continue to build on the following areas of mathematics:
Algebraic thinking
Sequences
Algebraic notation
Equality and equivalence
Place value and proportion
Ordering integers and decimals
Fraction, decimal and percentage equivalence
Applications of number
Solving problems with addition, subtraction,

KS3