Stockwell Academy

Mathematics

2024-2025

Long-term plan

This document details the topics covered in Mathematics, at Stockwell, from EYFS to Year 6 across the full academic year.

Topics are spread across the three terms and, in some instances, topics have had to be stretched across a half term. This is due to term lengths. It is suggested at these points that time is spent before the half term looking at the concept and allowing children to develop fluency. Reasoning and problem-solving skills/tasks can then be developed after the half term. This has tried to be kept to a minimum.

"Block" approach

Topics are split into "blocks" across the terms. The reason for this is to give enough time to each strand of maths and to allow children to explore concepts much deeper than they would if the curriculum were planned in a way which 'flitted'. To this end, it is vital that concepts are constantly revised throughout the year in a cross-curricular approach. For example, measures must be taught discretely to ensure children can apply what they know later. This can then be revisited through calculation, statistics and measure, for example.

It is essential that teachers follow the progression of the topics below **in the order which they appear**.

Resources

Where possible, consideration has been given across the year groups to topics which require resources that are outside of "day-to-day" manipulative provision (such as clocks).

Please ensure resources are returned to the classroom responsible for keeping them, in the state which they were found, as soon as you are finished with them.

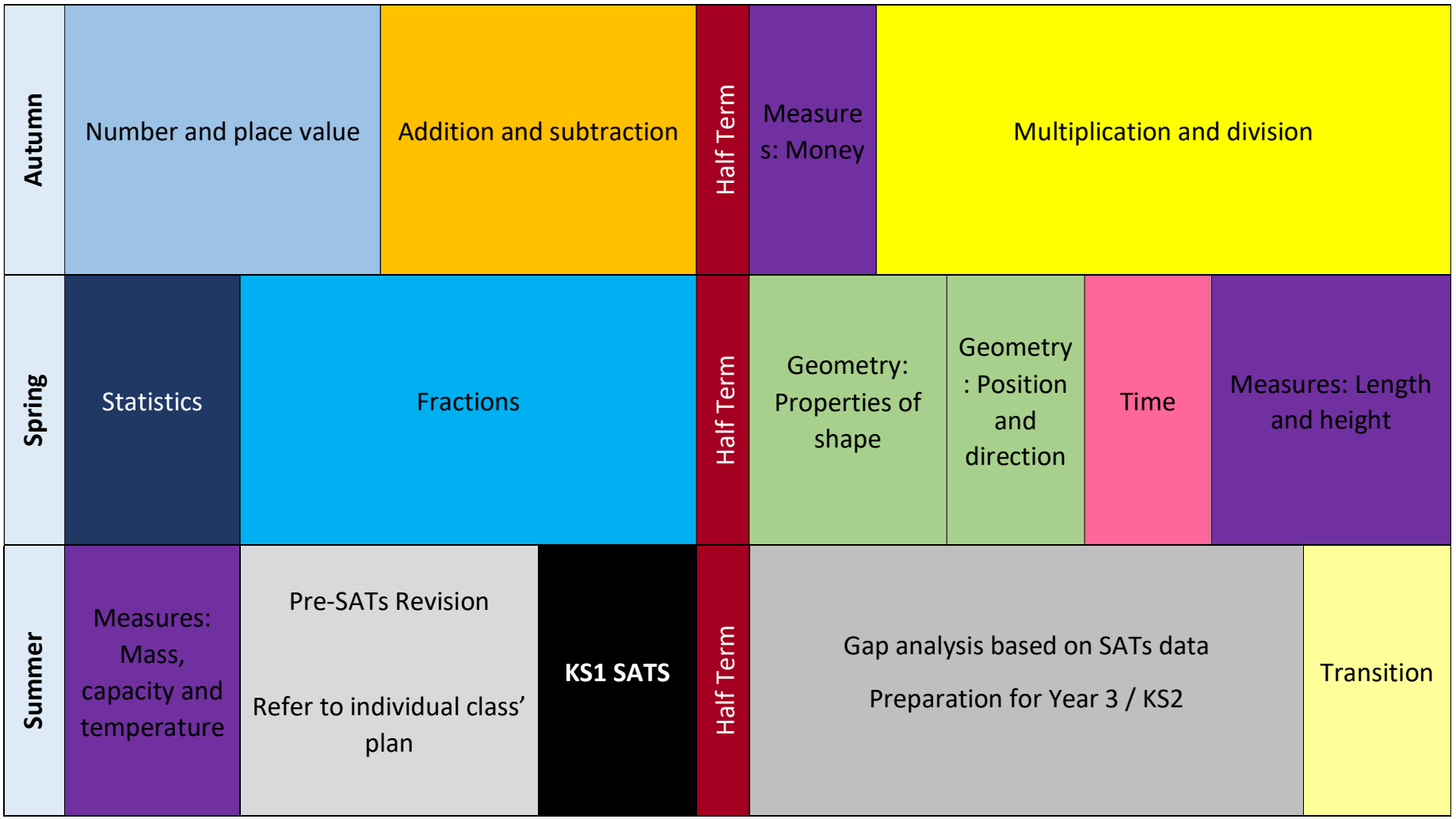
EYFS

Autumn	Number Developing number sense by focusing on 1 number a week: numbers 1-5 Comparing, sorting, subitising, one more and one less	Addition & Subtraction Introduce zero and number bonds to 5	Half Term	Number Developing number sense by focusing on 1 number a week: numbers 6-10 Comparing, sorting	Addition & Subtraction Number bonds to 10	Measurement Weight and capacity
Spring	Number **Use Autumn resources** to consolidate numbers 1-10, place value and comparing, sorting and one more/less	Measurement: Time	Half Term	Number Developing Number sense focusing on numbers 11-20		Geometry: spatial awareness, 2D/3D shape and pattern
Summer	Addition & Subtraction Counting on and back	Multiplication & Division Sharing, doubling & halving Identifying odd and even numbers	Half Term	Measures: Length and height		**Preparation for Y1** Number bonds to 10 Counting in 2s, 5s and 10s

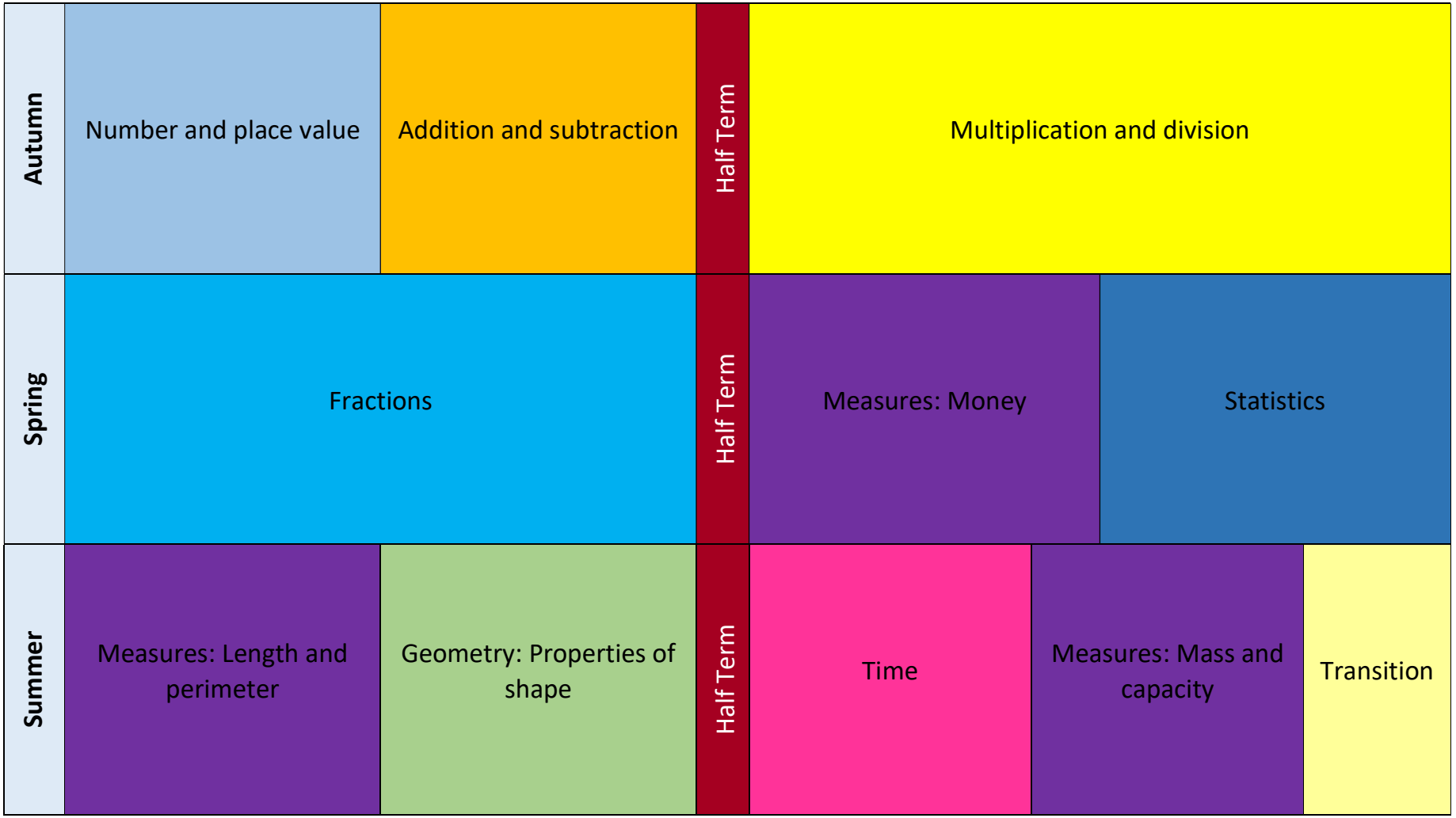
Year 1

Autumn	Number and place value (within 10)	Addition and subtraction (within 10)	Half Term	Geometry: Shape	Number and place value (within 20)	Addition and subtraction (within 20)
Spring	Number and place value (within 50)	Time	Half Term	Measure: Length and height	Measure: Weight and volume	
Summer	Multiplication and division	Fractions	Half Term	Geometry : position and direction	Number and place value (within 100)	Measure: money	Transition

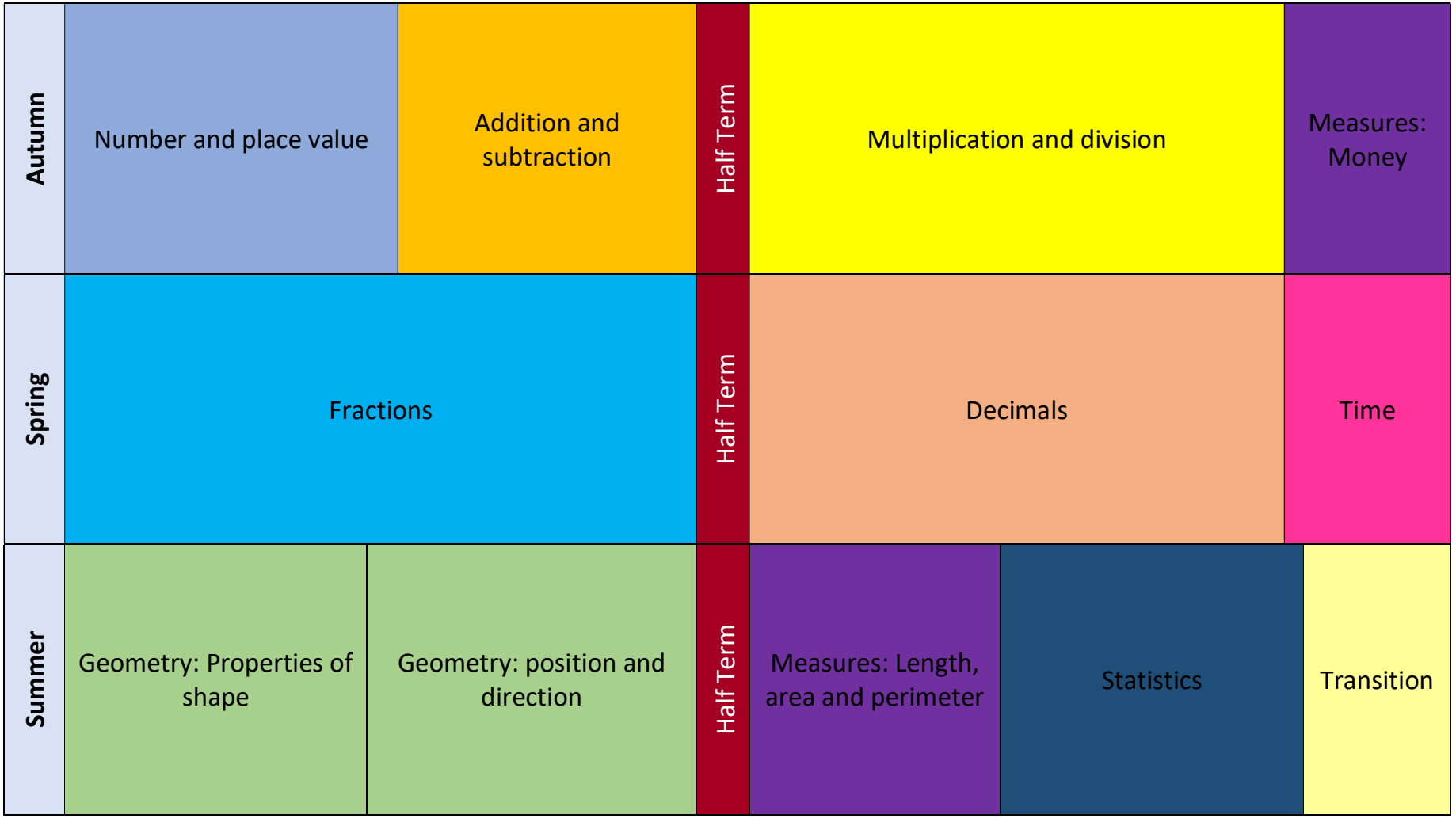
Year 2


Autumn
Number and place value
Addition and subtraction
Half Term
Measures: Money
Multiplication and division
Spring
Statistics
Fractions
Half Term
Geometry: Properties of shape
Geometry: Position and direction
Time
Measures: Length and height
Summer
Measures: Mass, capacity and temperature
Pre-SATs Revision
Refer to individual class' plan
KS1 SATS
Half Term
Gap analysis based on SATs data
Preparation for Year 3 / KS2
Transition

Year 3


Autumn
Number and place value
Addition and subtraction
Half Term
Multiplication and division
Spring
Fractions
Half Term
Measures: Money
Statistics
Summer
Measures: Length and perimeter
Geometry: Properties of shape
Half Term
Time
Measures: Mass and capacity
Transition

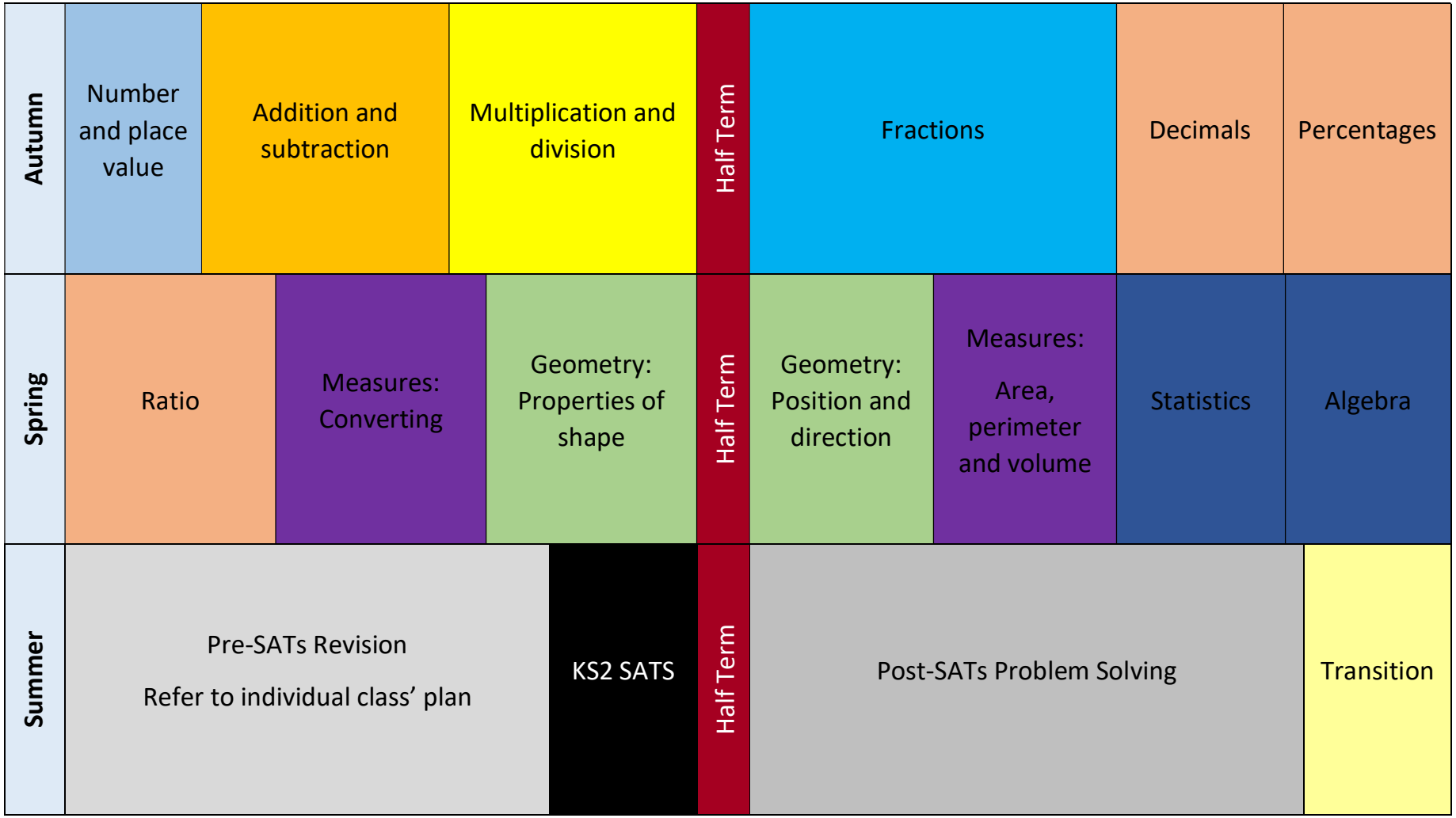
Year 4


Autumn
Number and place value
Addition and subtraction
Half Term
Multiplication and division
Measures: Money
Spring
Fractions
Half Term
Decimals
Time
Summer
Geometry: Properties of shape
Geometry: position and direction
Half Term
Measures: Length, area and perimeter
Statistics
Transition

Year 5

Autumn	Number and place value	Addition and subtraction	Half Term	Multiplication and division *Mental facts & factors, multiples, primes, etc…*	Measures: Converting Applying mental facts	
Spring	Multiplication and division *Formal methods*	Fractions	Half Term	Decimals *Place Value*	Percentages	
Summer	Decimals *Calculation*	Geometry: Properties of shape	Geometry: position and direction	Half Term	Measures: Area, perimeter and volume	Statistics	Transition

Year 6


Autumn
Number and place value
Addition and subtraction
Multiplication and division
Half Term
Fractions
Decimals
Percentages
Spring
Ratio
Measures: Converting
Geometry: Properties of shape
Half Term
Geometry: Position and direction
Measures: Area, perimeter and volume
Statistics
Algebra
Summer
Pre-SATs Revision
Refer to individual class' plan
KS2 SATS
Half Term
Post-SATs Problem Solving
Transition

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