MERTON ABBEY
PRIMARY SCHOOL

Maths Curriculum Map 2025-2026

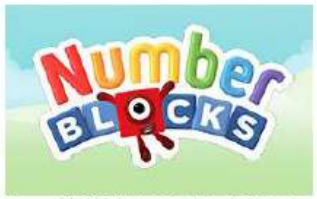
Our inclusive mathematics curriculum has been designed around the following school curriculum aims:

				
Inspiring joy for learning	Knowledge rich	Reading at the heart	Challenge for all	Holistic approach

Our maths curriculum has been organised around the following 3 key aims:

- become **fluent** in the fundamentals of mathematics, including through varied and frequent practice with increasingly complex problems over time, so that pupils have conceptual understanding and are able to recall and apply their knowledge rapidly and accurately to problems;
- **reason mathematically** by following a line of enquiry, conjecturing relationships and generalisations, and developing an argument, justification or proof using mathematical language;
- can **solve problems** by applying their mathematics to a variety of routine and non-routine problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions.

Nursery



NCETM
NATIONAL CENTRE FOR EXCELLENCE IN THE TEACHING OF MATHEMATICS

NCETM Numberblocks materials (PowerPoints to accompany Series 1, 2 and 3)

Series	Episode title	Episode summary	Mathematics
1	One	Learn all about the number one with Numberblock One.	Counting to 1
1	Another One	One bumps into a magic mirror and meets another One.	2 is more than 1
1	Two	Learn all about the number two with Numberblock Two.	Counting to 2, the 'twoness' of 2
1	Three	Learn all about the number three with Numberblock Three.	3 is more than 2
1	One, Two, Three!	Three does magic tricks with apples.	Counting to 3; comparing numbers 1, 2 and 3 – 'bigger' and 'smaller'; ordering numbers 1 to 3; 3 is made of 2 and 1
1	Four	Learn all about the number four with Numberblock Four.	4 is more than 3; counting to 4; the structure of 4 as a square number; recognition of 4 items without counting (subitising)
1	Five	Learn all about the number five with Numberblock Five.	5 is more than 4; counting to 5; line up 1 to 5 in order
1	Three Little Pigs	The Numberblocks' version of the tale the Three Little Pigs and the Big Bad Square.	Counting to 4; adding 1s
1	Off We Go	Five and friends set off on a rhyming romp through field and forest.	Counting to 5; line up 1 to 5 in order; identify missing numbers within a 1 to 5 line-up
1	How to Count	It is a lovely day for a picnic, but one of the flapjacks is missing!	The key principles of counting: one-to-one correspondence; cardinality; stable order
1	Stampolines	Three opens a stampoline park, where her friends have splatty fun making inky prints.	Subitising numbers 1 to 5; different ways of arranging blocks to 5; conservation of number
1	The Whole of Me	The Numberblocks perform a song and dance all about the parts that make a whole.	Composition of numbers 1 to 5: introduction to 'part-part-whole' Structure; partitioning a whole number into parts; conservation of number
1	The Terrible Twos	Tricky twins turn up – the Terrible Twos – who decide it's time to tickle their friends.	4 can be partitioned into 2 and 2; and, 1 and 1 and 1 and 1.
1	Holes	Five and friends discover a hole that makes their heads fall off!	The number of a group can be changed by adding to it or taking from it; addition and subtraction of 1; number bonds to 5
1	Hide and Seek	Five is so good at hide-and-seek that she can find the others without looking up from her book.	Addition and subtraction of numbers to 5; number bonds to 5

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2	Six	The Numberblocks make a new friend who likes to roll dice.	Counting (1 to 6); subitising (dice patterns)
2	Seven	It's a rainy day for a picnic, but lucky number Seven makes everything come up rainbows.	7 is more than 6; counting (1 to 7)
2	Eight	Numberland is rocked by the arrival of superblock Eight, also known as Octoblock.	Counting (1 to 8); 8 is one more than 7; subitising (8)
2	Nine	Numberblock Nine arrives in Numberland and sings a song about squares.	Counting (1 to 9); the structure of square numbers (4 and 9); partitioning and combining 9
2	Ten	Ten turns up to tell the Numberblocks what it's like to be a perfect ten.	Counting (1 to 10); 10 ones are equivalent to one 10
2	Just Add One	One's idea of fun is singing, dancing and making friends by adding One.	Adding 1; counting (1 to 10)
2	Blast Off	Find out which pairs of numbers add together to make ten with the Numberblocks.	Count back from 10 to 1; number bonds that total 10
2	Counting Sheep	Six tries to get the sheep to sleep and finds two (or three) heads are better than one.	Exploring equivalent ways to represent 6; partitioning 6 into equal groups; factors of 6
2	Double Trouble	Learn how to double and halve numbers up to eight with the Numberblocks.	Doubling (1, 2, 4, 8) and halving; partitioning 8 into equal groups
2	The Three Threes	When Nine needs a helping hand, he turns into a talented trio – the Three Threes.	Partitioning 9 into 3 equal groups; partitioning is the inverse of combining
2	Odds and Evens	The Numberblocks play a game of bounceball, with Even Tops versus Odd Blocks.	Odd and even numbers; equal groups
2	Fluffies	One finds a furball, two of them tickle Two and soon Numberland is full of fluffies!	Counting (1 to 8); number bonds within 7
2	The Two Tree	The Numberblocks find a magic Two Tree and play an action-packed game of throwing twos.	Subtracting 2 from numbers up to 10; counting in 2s
2	Numberblock Castle	One, Two, Three and Four go on a castle-exploring adventure, making friends along the way.	Adding more than 1 to make 5 to 10
2	Ten Green Bottles	One of Ten's bottles accidentally falls off the wall, setting off a numbery hullabaloo.	Subtracting 1; counting (1 to 10); counting down 10 to 1

Reception

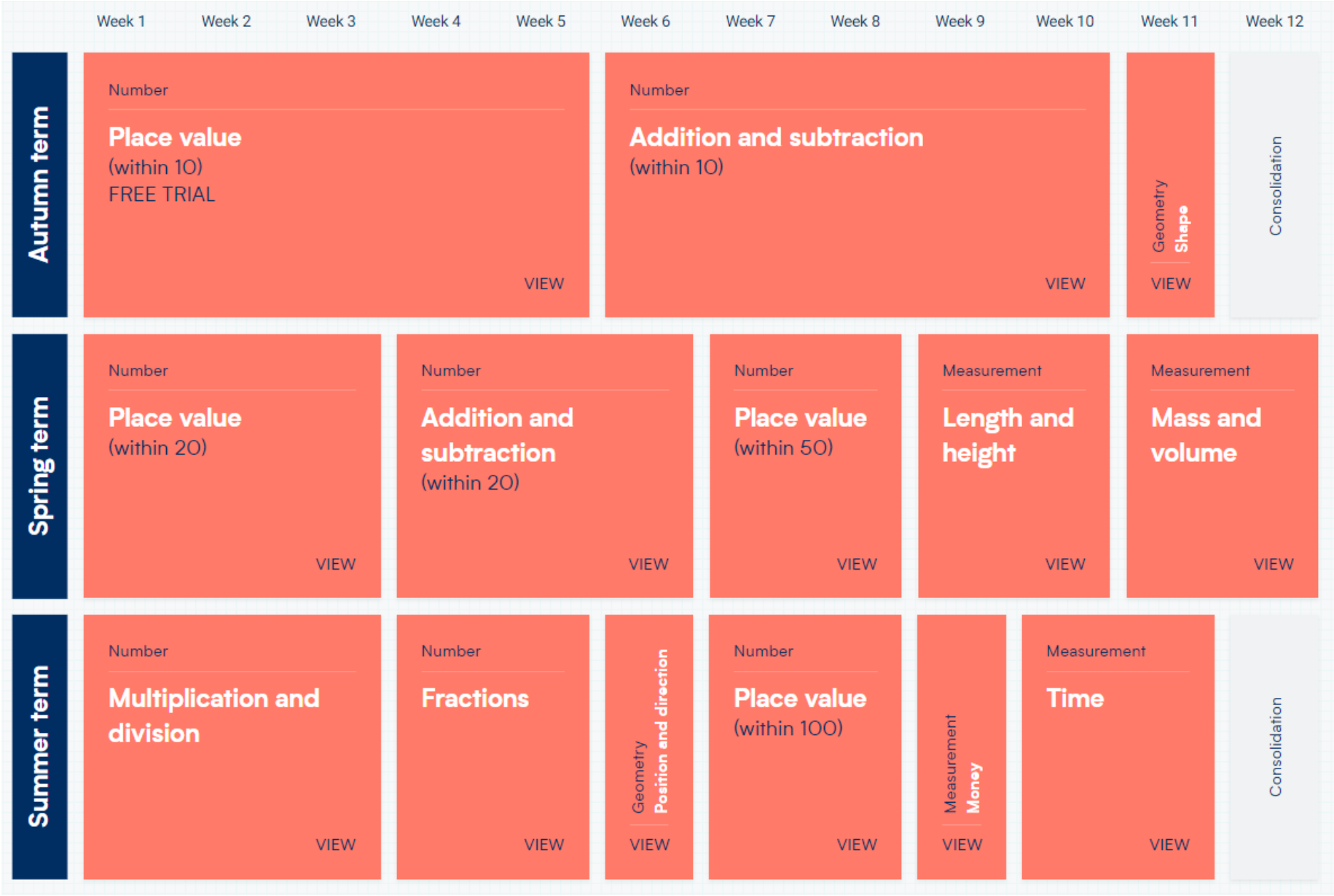
Mastering Number

Reception Overview

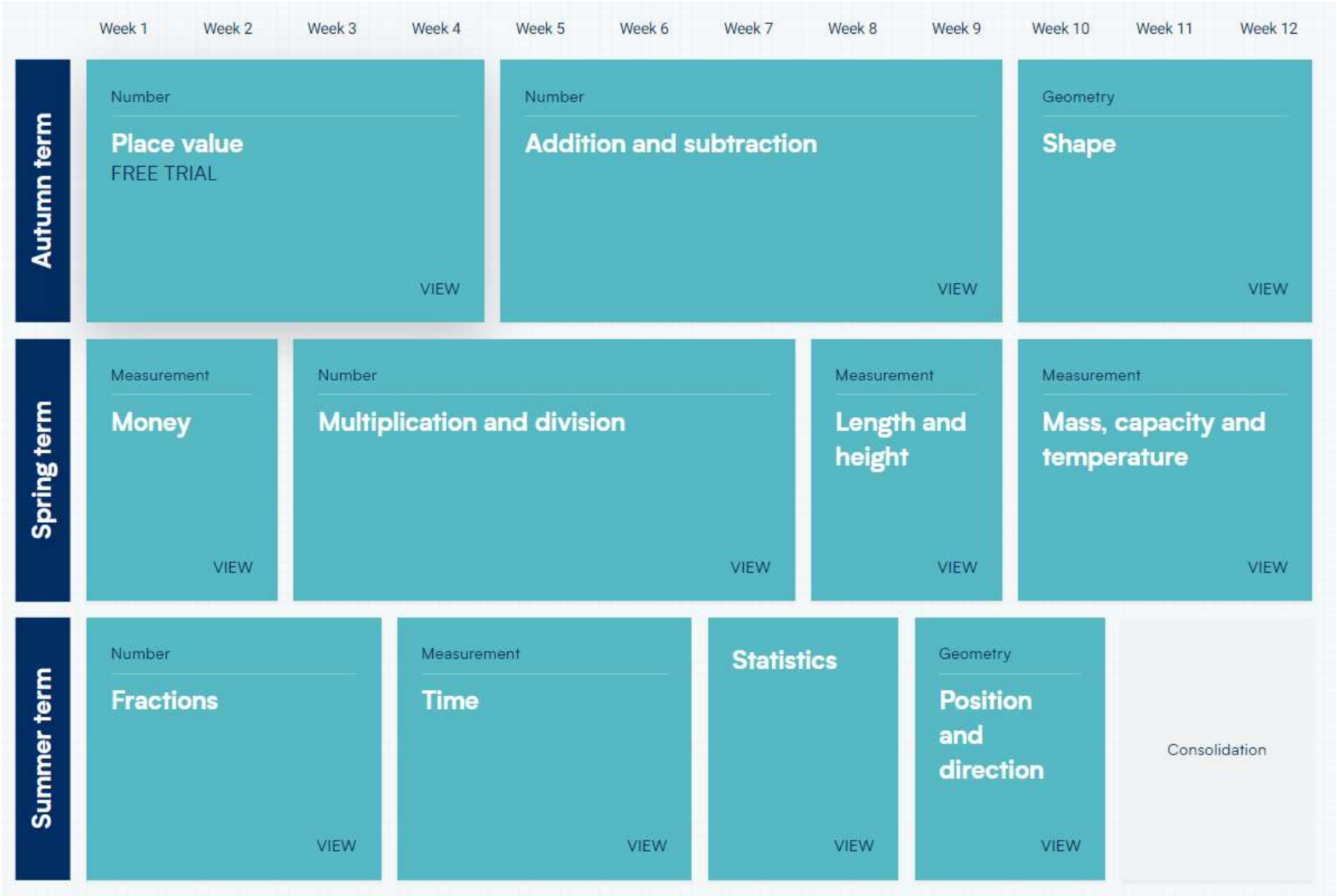
Term 1	Term 2	Term 3
Pupils will build on previous experiences of number from their home and nursery environments, and further develop their subitising and counting skills. They will explore the composition of numbers within 5. They will begin to compare sets of objects and use the language of comparison. **Pupils will:** • identify when a set can be subitised and when counting is needed • subitise different arrangements, both unstructured and structured, including using the Hungarian number frame • make different arrangements of numbers within 5 and talk about what they can see, to develop their conceptual subitising skills • spot smaller numbers 'hiding' inside larger numbers	Pupils will continue to develop their subitising and counting skills and explore the composition of numbers within and beyond 5. They will begin to identify when two sets are equal or unequal and connect two equal groups to doubles. They will begin to connect quantities to numerals. **Pupils will:** • continue to develop their subitising skills for numbers within and beyond 5, and increasingly connect quantities to numerals • begin to identify missing parts for numbers within 5 • explore the structure of the numbers 6 and 7 as '5 and a bit' and connect this to finger patterns and the Hungarian number frame • focus on equal and unequal groups when comparing numbers	Pupils will consolidate their counting skills, counting to larger numbers and developing a wider range of counting strategies. They will secure knowledge of number facts through varied practice. **Pupils will:** • continue to develop their counting skills, counting larger sets as well as counting actions and sounds • explore a range of representations of numbers, including the 10-frame, and see how doubles can be arranged in a 10-frame • compare quantities and numbers, including sets of objects which have different attributes • continue to develop a sense of magnitude, e.g. knowing that 8 is quite a lot more than 2, but 4 is only a little bit more than 2

• connect quantities and numbers to finger patterns and explore different ways of representing numbers on their fingers • hear and join in with the counting sequence, and connect this to the 'staircase' pattern of the counting numbers, seeing that each number is made of one more than the previous number • develop counting skills and knowledge, including: that the last number in the count tells us 'how many' (cardinality); to be accurate in counting, each thing must be counted once and once only and in any order; the need for 1:1 correspondence; understanding that anything can be counted, including actions and sounds • compare sets of objects by matching • begin to develop the language of 'whole' when talking about objects which have parts	• understand that two equal groups can be called a 'double' and connect this to finger patterns • sort odd and even numbers according to their 'shape' • continue to develop their understanding of the counting sequence and link cardinality and ordinality through the 'staircase' pattern • order numbers and play track games • join in with verbal counts beyond 20, hearing the repeated pattern within the counting numbers	• begin to generalise about 'one more than' and 'one less than' numbers within 10 • continue to identify when sets can be subitised and when counting is necessary • develop conceptual subitising skills including when using a rekenrek

Year 1


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 term
Number
Place value
(within 10)
FREE TRIAL
VIEW
Number
Addition and subtraction
(within 10)
VIEW
Geometry
Shape
VIEW
Consolidation
Spring term
Number
Place value
(within 20)
VIEW
Number
Addition and subtraction
(within 20)
VIEW
Number
Place value
(within 50)
VIEW
Measurement
Length and height
VIEW
Measurement
Mass and volume
VIEW
Summer term
Number
Multiplication and division
VIEW
Number
Fractions
VIEW
Geometry
Position and direction
VIEW
Number
Place value
(within 100)
VIEW
Measurement
Money
VIEW
Measurement
Time
VIEW
Consolidation

Year 2


Week 1
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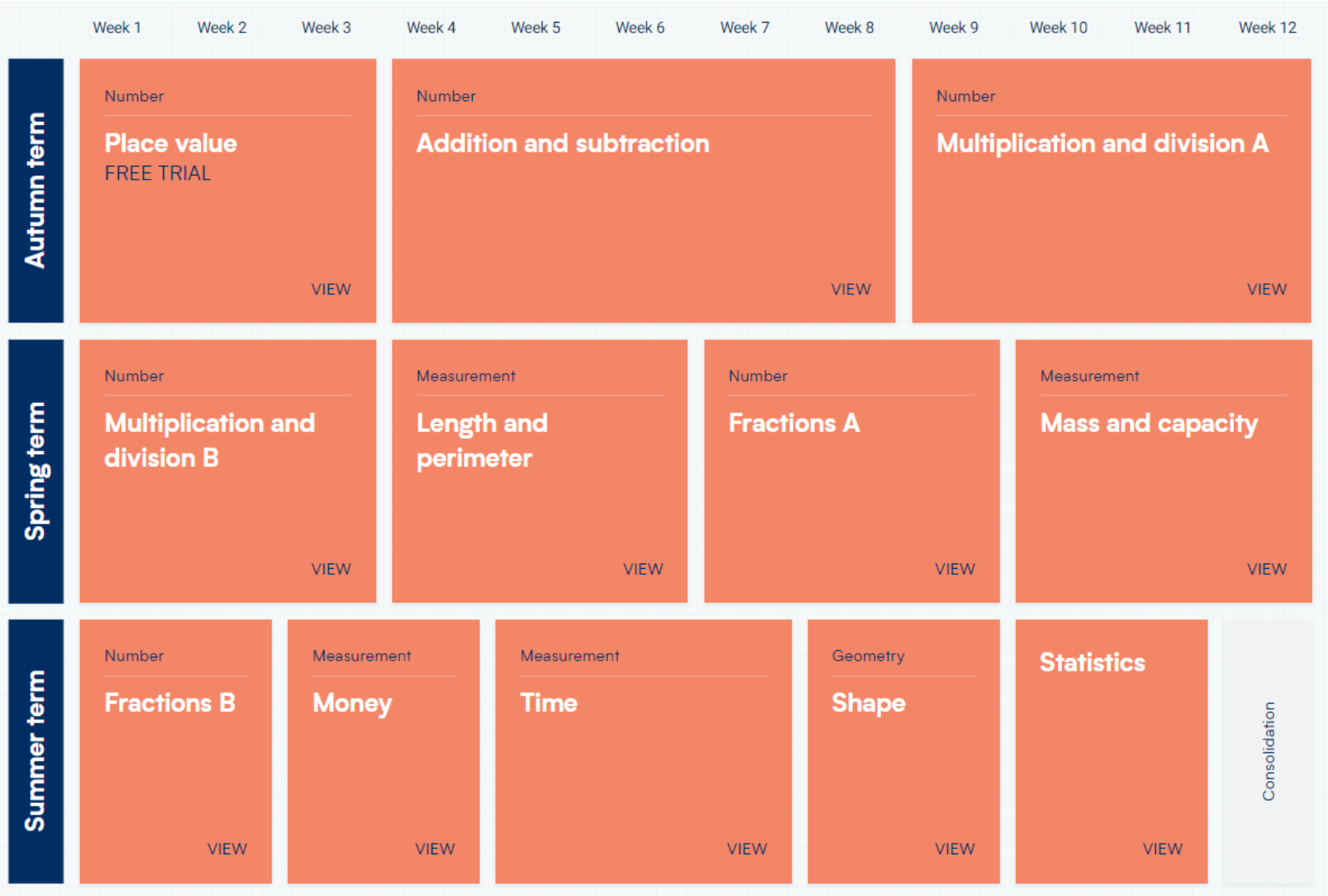
Week 8
Week 9
Week 10
Week 11
Week 12
Autumn term
Number
Place value
FREE TRIAL
VIEW
Number
Addition and subtraction
VIEW
Geometry
Shape
VIEW
Spring term
Measurement
Money
VIEW
Number
Multiplication and division
VIEW
Measurement
Length and height
VIEW
Measurement
Mass, capacity and temperature
VIEW
Summer term
Number
Fractions
VIEW
Measurement
Time
VIEW
Statistics
VIEW
Geometry
Position and direction
VIEW
Consolidation

Year 3


Week 1
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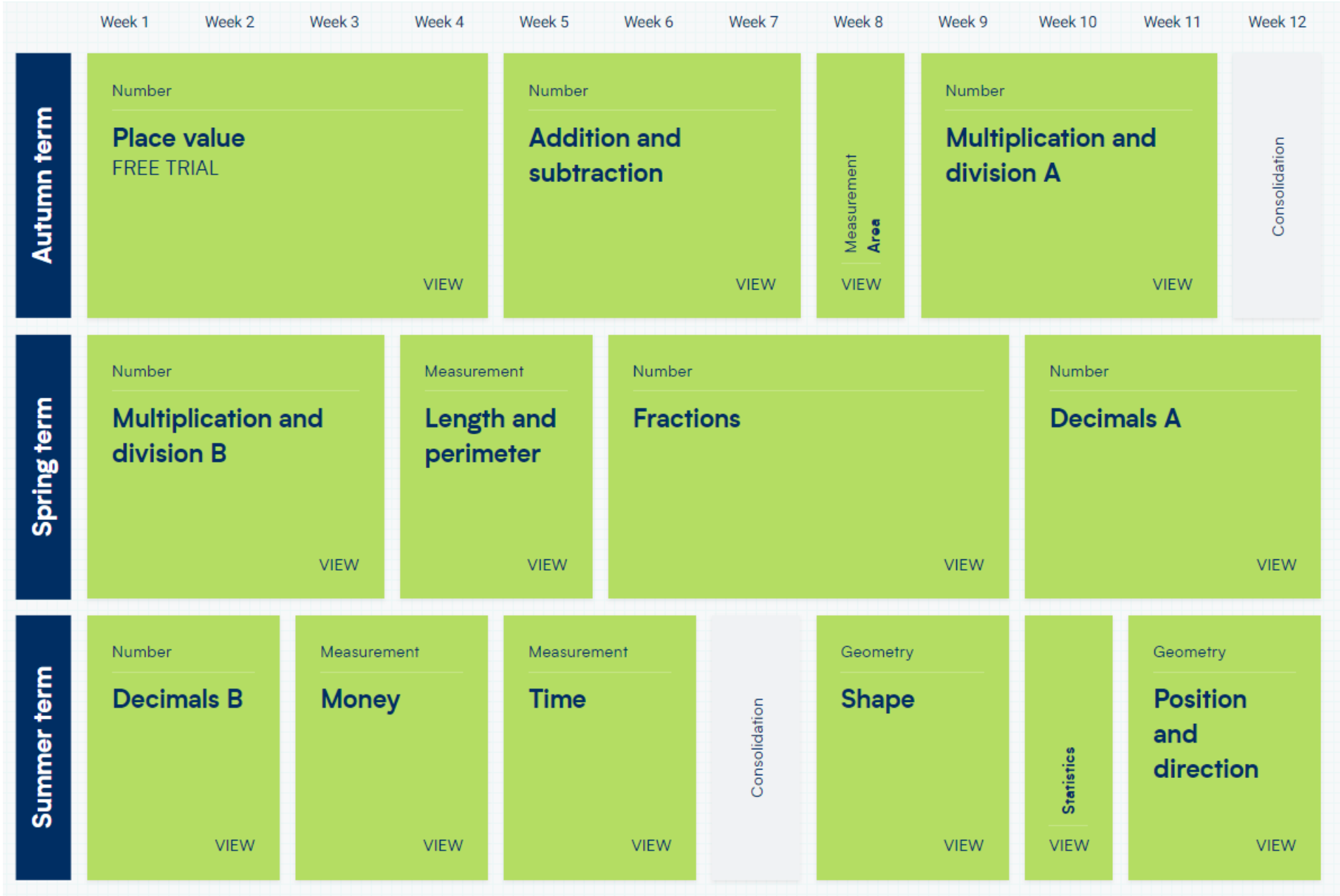
Week 5
Week 6
Week 7
Week 8
Week 9
Week 10
Week 11
Week 12
Autumn term
Number
Place value
FREE TRIAL
VIEW
Number
Addition and subtraction
VIEW
Number
Multiplication and division A
VIEW
Spring term
Number
Multiplication and division B
VIEW
Measurement
Length and perimeter
VIEW
Number
Fractions A
VIEW
Measurement
Mass and capacity
VIEW
Summer term
Number
Fractions B
VIEW
Measurement
Money
VIEW
Measurement
Time
VIEW
Geometry
Shape
VIEW
Statistics
VIEW
Consolidation

Year 4


Week 1
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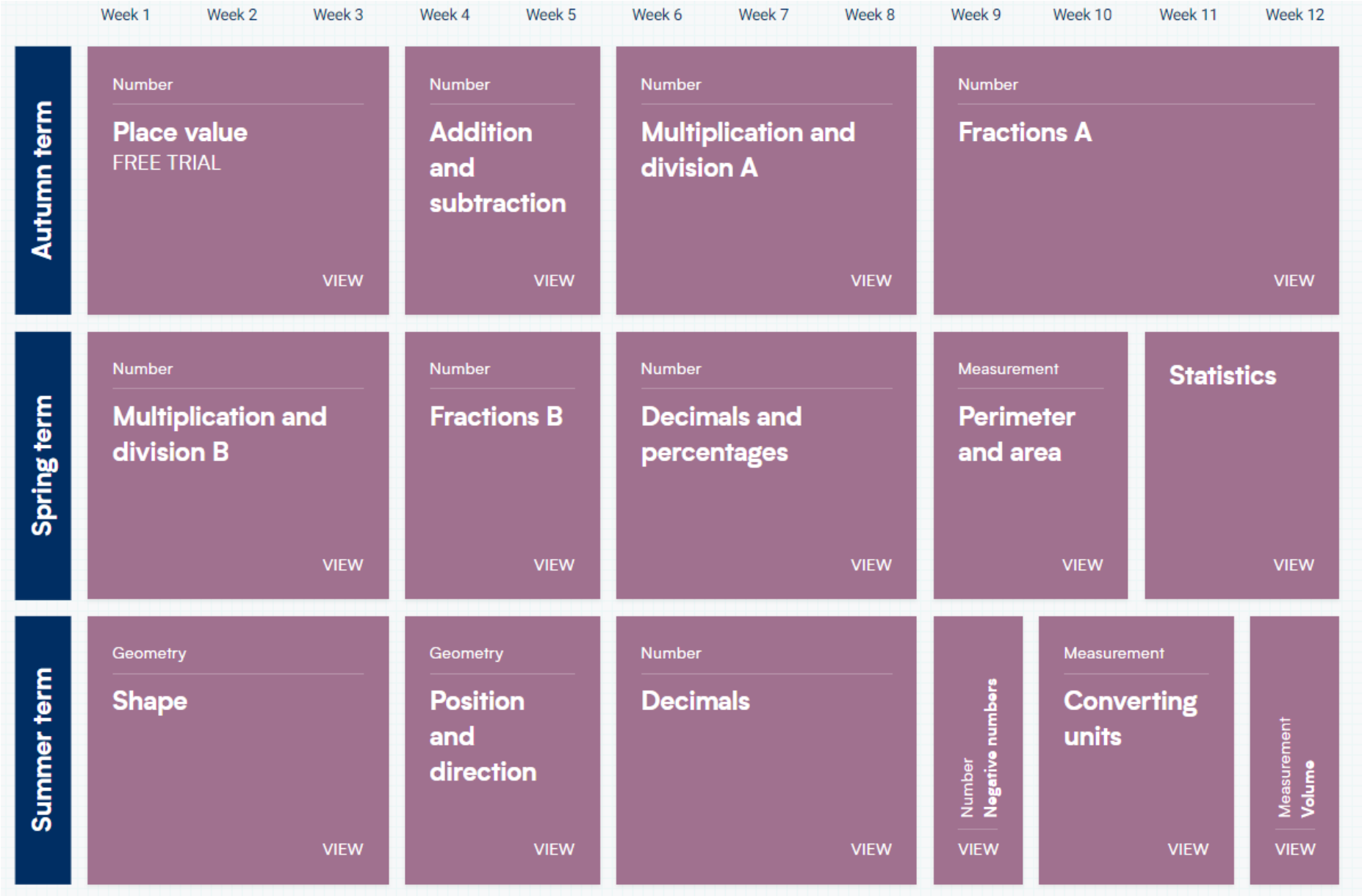
Week 6
Week 7
Week 8
Week 9
Week 10
Week 11
Week 12
Autumn term
Number
Place value
FREE TRIAL
VIEW
Number
Addition and subtraction
VIEW
Measurement
Area
VIEW
Number
Multiplication and division A
VIEW
Consolidation
Spring term
Number
Multiplication and division B
VIEW
Measurement
Length and perimeter
VIEW
Number
Fractions
VIEW
Number
Decimals A
VIEW
Summer term
Number
Decimals B
VIEW
Measurement
Money
VIEW
Measurement
Time
VIEW
Consolidation
Geometry
Shape
VIEW
Statistics
VIEW
Geometry
Position and direction
VIEW

Year 5


Week 1
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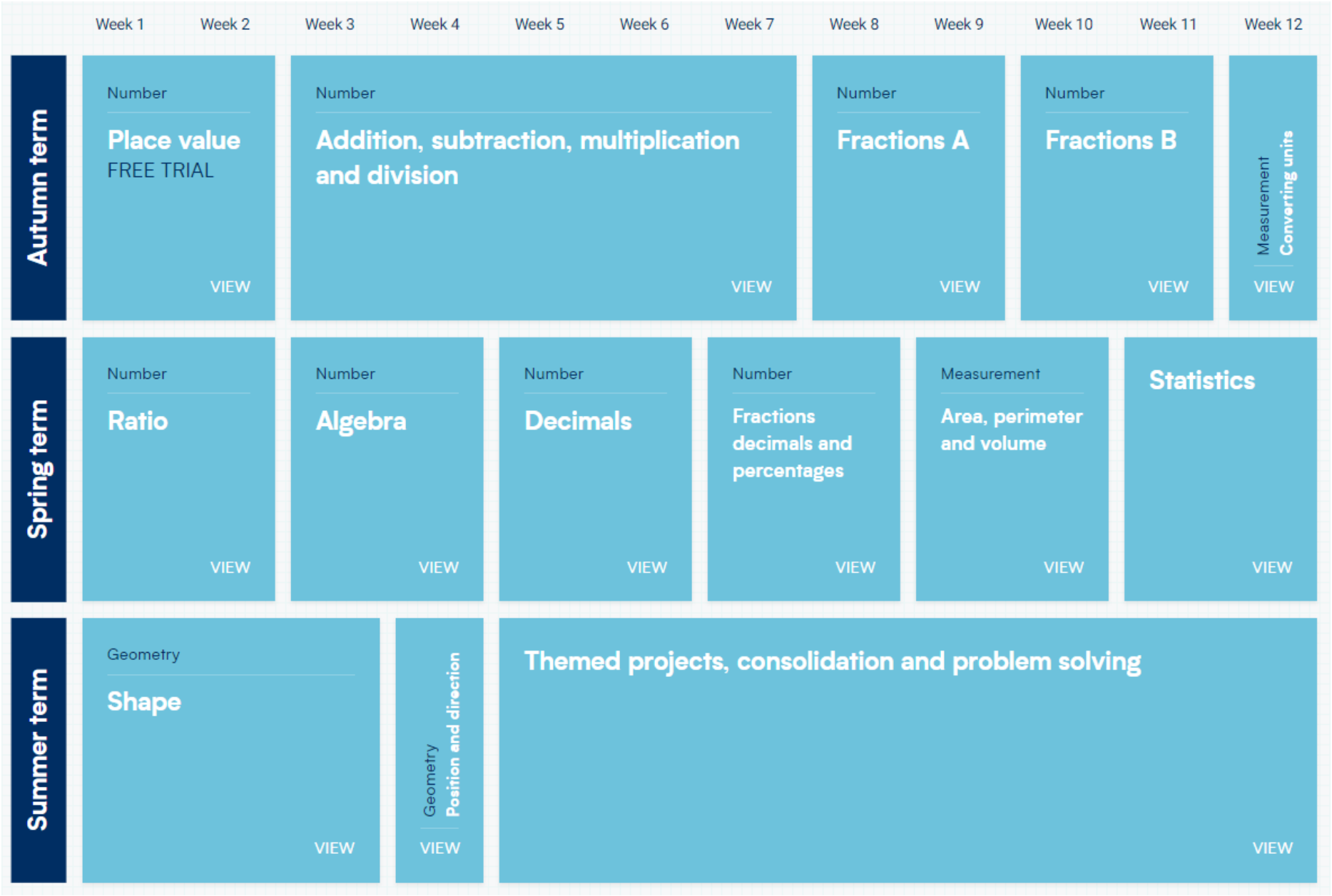
Week 6
Week 7
Week 8
Week 9
Week 10
Week 11
Week 12
Autumn term
Number
Place value
FREE TRIAL
VIEW
Number
Addition and subtraction
VIEW
Number
Multiplication and division A
VIEW
Number
Fractions A
VIEW
Spring term
Number
Multiplication and division B
VIEW
Number
Fractions B
VIEW
Number
Decimals and percentages
VIEW
Measurement
Perimeter and area
VIEW
Statistics
VIEW
Summer term
Geometry
Shape
VIEW
Geometry
Position and direction
VIEW
Number
Decimals
VIEW
Number
Negative numbers
VIEW
Measurement
Converting units
VIEW
Measurement
Volume
VIEW

Year 6


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 term
Number
Place value
FREE TRIAL
VIEW
Number
Addition, subtraction, multiplication and division
VIEW
Number
Fractions A
VIEW
Number
Fractions B
VIEW
Measurement
Converting units
VIEW
Spring term
Number
Ratio
VIEW
Number
Algebra
VIEW
Number
Decimals
VIEW
Number
Fractions decimals and percentages
VIEW
Measurement
Area, perimeter and volume
VIEW
Statistics
VIEW
Summer term
Geometry
Shape
VIEW
Geometry
Position and direction
VIEW
Themed projects, consolidation and problem solving
VIEW