F2

	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	Getting To Know You		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 COMING SOON		Mass and capacity COMING SOON	Growing 6,7,8 COMING SOON		Length, height and time COMING SOON		Building 9 and 10 COMING SOON			Explore 3-D shapes COMING SOON	
Summer	To 20 and beyond COMING SOON		How many now? COMING SOON	Manipulate, compose and decompose COMING SOON		Sharing and grouping COMING SOON		Visulise, build and map COMING SOON			Make connections COMING SOON	Consolidation COMING SOON

Y1

	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

Retrieve previous years learning

Number
Place value (within 10)

Number
Addition and subtraction (within 10)

Measurement: Length and Height

Assess + Revise

Spring term

Geometry Shape — VIEW

Number
Place value (within 20)

Measurement: money

Number
Addition and subtraction (within 20)

Number
Place value (within 50)

Measurement: mass + volume

Assess + Revise

Summer term

Number
Multiplication and division

Measurement: money

Number
Fractions VIEW

Geometry
Position and direction VIEW

Measurement
Time VIEW

Number
Place value (within 100) VIEW

Number
Addition and subtraction (within 20)

Assess + Revise

* Place = sign in different places in calculation

Crucial area throughout year: Number bonds and Place Value

Measure to include through number units:

- Measurement and height:

  Step 1 Compare lengths and heights

  Step 2 Measure length using objects

  Step 3 Measure length in centimetres

- Money:

  Step 1 Unitising

  Step 2 Recognise coins

  Step 3 Recognise notes

  Step 4 Count in coins

- Mass and Volume:

  Step 1 Heavier and lighter

  Step 2 Measure mass

  Step 3 Compare mass

  Step 4 Full and empty

  Step 5 Compare volume

  Step 6 Measure capacity

  Step 7 Compare capacity

- Time:

  Step 1 Before and after

  Step 2 Days of the week

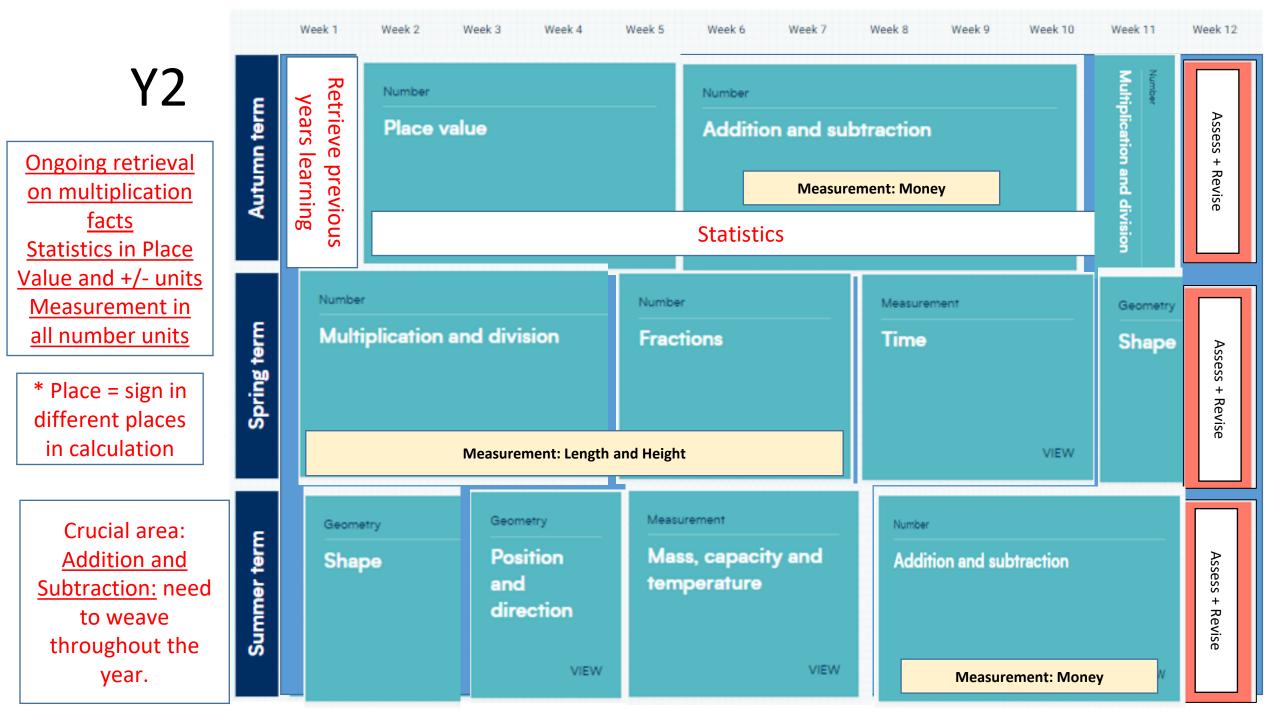 Step 3 Months of the year

  Step 4 Hours, minutes and seconds

  Step 5 Tell the time to the hour

  Step 6 Tell the time to the half hour

Year 1	
Autumn 1 & 2	Count in 2s up to 24, linking with even umbers and supporting doubles. Count in multiples of 10 in order up to 120.
Spring 1 & 2	Focus on counting in multiples of 5 up to 60-, linking with knowledge of counting in 10s. Counting to develop fluency of counting in 2s and 10s.
Summer 1	Count in multiples of 10, 2 and 5 in order with growing fluency.
Summer 2	Count in multiples of 10, 2 and 5 in order fluently.

Teaching methodologies:
❖ Count in pairs of objects
❖ Count in straws bundled in tens
❖ Sing counting songs
❖ Hundred square
❖ Number lines
❖ Pictorial representations on display
❖ Rolling numbers

Y2

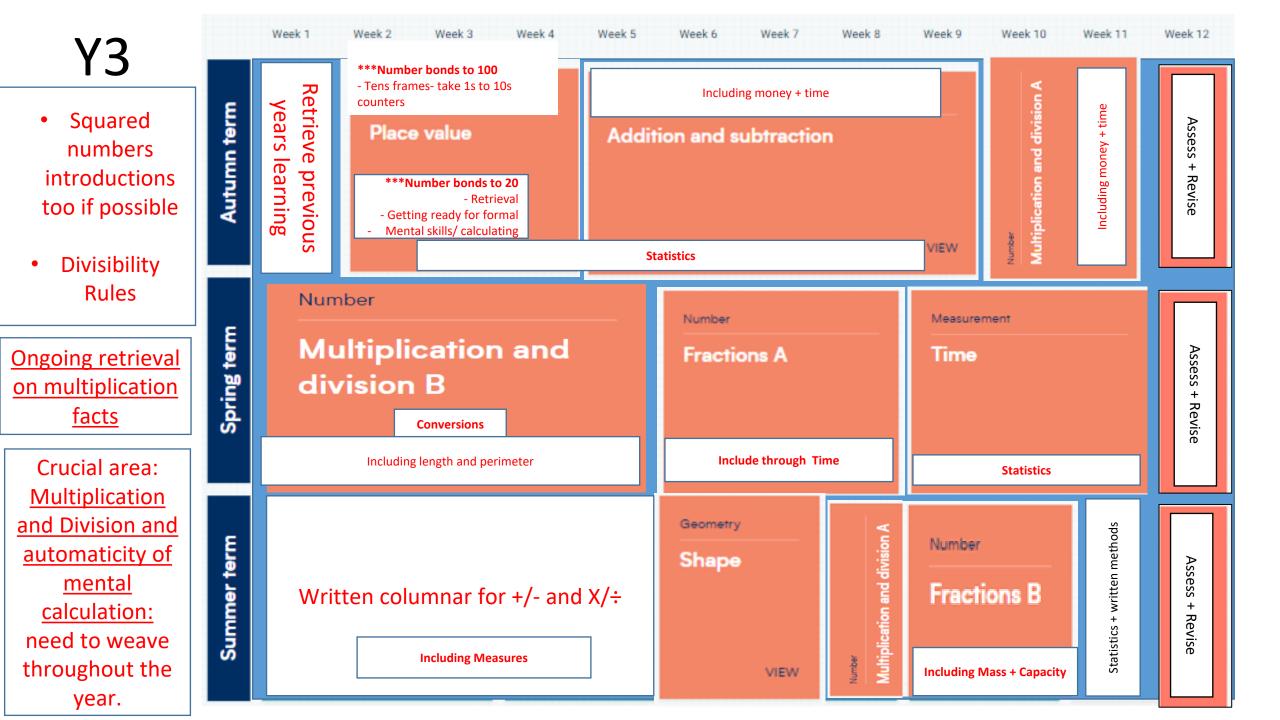|	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12

Autumn term

Retrieve previous years learning

Number — **Place value**

Number — **Addition and subtraction**

Measurement: Money

Statistics

Multiplication and division

Number

Assess + Revise

Spring term

Number — **Multiplication and division**

Number — **Fractions**

Measurement — **Time** — VIEW

Geometry — **Shape**

Measurement: Length and Height

Assess + Revise

Summer term

Geometry — **Shape**

Geometry — **Position and direction** — VIEW

Measurement — **Mass, capacity and temperature** — VIEW

Number — **Addition and subtraction**

Measurement: Money

Assess + Revise

Measure to include through number units:

- Length and Height:

Step 1 Measure in centimetres
Step 2 Measure in metres
Step 3 Compare lengths and heights
Step 4 Order lengths and heights
Step 5 Four operations with lengths and heights

- Mass, capacity and temperature:

Step 1 Compare mass
Step 2 Measure in grams
Step 3 Measure in kilograms
Step 4 Four operations with mass
Step 5 Compare volume and capacity
Step 6 Measure in millilitres
Step 7 Measure in litres
Step 8 Four operations with volume and capacity
Step 9 Temperature

- Money:

Step 1 Count money – pence
Step 2 Count money – pounds (notes and coins)
Step 3 Count money – pounds and pence
Step 4 Choose notes and coins
Step 5 Make the same amount
Step 6 Compare amounts of money
Step 7 Calculate with money
Step 8 Make a pound
Step 9 Find change
Step 10 Two-step problems

- Time:

Step 1 O'clock and half past
Step 2 Quarter past and quarter to
Step 3 Tell time past the hour
Step 4 Tell time to the hour
Step 5 Tell the time to 5 minutes
Step 6 Minutes in an hour
Step 7 Hours in a day

Year 2	
Autumn 1	Consolidate counting in steps of 2, 5 and 10 in order from 0 up to 12X
Autumn 2	Count in steps of 2 and 5 from 0 up to 12X fluently. Recall multiples of 10 up to 12X10 in any order, including missing numbers and related division facts with growing fluency.
Spring 1	Recall multiples of 2 up to 12X2 in any order, including missing numbers and related division facts. Recall multiples of 10 up to 12X10 fluently.
Spring 2	Recall multiples of 5 up to 12X5 in any order, including missing numbers and related division facts. Recall multiples of 2 up to 12X2 in any order, including missing numbers and related division facts with growing fluency.
Summer 1	Count in multiples of 3 to 12X3 in order from 0. Recall multiples of 2 up to 12X2 in any order, including missing numbers and related division facts fluently. Recall multiples of 5 up to 12X5 in any order, including missing numbers and related division facts with growing fluency.
Summer 2	Count in multiples of 3 to 12X3 in order from 0 with growing fluency. Recall multiples of 5 up to 12X5 in any order, including missing numbers and related division facts fluently.

Teaching methodologies:
- ❖ Count objects in groups of 2, 5, 10 and 3
- ❖ Sing counting songs
- ❖ Hundred square
- ❖ Number lines
- ❖ Array with concrete resources
- ❖ Pictorial representations on display
- ❖ Rolling numbers

Y3

- Squared numbers introductions too if possible

- Divisibility Rules

Ongoing retrieval on multiplication facts

Crucial area: Multiplication and Division and automaticity of mental calculation: need to weave throughout the year.

	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

Retrieve previous years learning

***Number bonds to 100**
- Tens frames- take 1s to 10s counters

Place value

***Number bonds to 20**
- Retrieval
- Getting ready for formal
- Mental skills/ calculating

Including money + time

Addition and subtraction

Statistics

VIEW

Multiplication and division A

Including money + time

Number

Assess + Revise

Spring term

Number

Multiplication and division B

Conversions

Including length and perimeter

Number

Fractions A

Include through Time

Measurement

Time

Statistics

Assess + Revise

Summer term

Written columnar for +/- and X/÷

Including Measures

Geometry

Shape

VIEW

Number

Multiplication and division A

Number

Fractions B

Including Mass + Capacity

Statistics + written methods

Assess + Revise

Measure to include through number units:

- Length and perimeter:

Step 1 Measure in metres and centimetres

Step 2 Measure in millimetres

Step 3 Measure in centimetres and millimetres

Step 4 Metres, centimetres and millimetres

Step 5 Equivalent lengths (metres and centimetres)

Step 6 Equivalent lengths (centimetres and millimetres)

Step 7 Compare lengths

Step 8 Add lengths

Step 9 Subtract lengths

Step 10 What is perimeter?

Step 11 Measure perimeter

Step 12 Calculate perimeter

- Money:

Step 1 Pounds and pence

Step 2 Convert pounds and pence

Step 3 Add money

Step 4 Subtract money

Step 5 Find change

- Mass and Capacity:

Step 1 Use scales

Step 2 Measure mass in grams

Step 3 Measure mass in kilograms and grams

Step 4 Equivalent masses (kilograms and grams)

Step 5 Compare mass

Step 6 Add and subtract mass

Step 7 Measure capacity and volume in millilitres

Step 8 Measure capacity and volume in litres and millilitres

Step 9 Equivalent capacities and volumes (litres and millilitres)

Step 10 Compare capacity and volume

Step 11 Add and subtract capacity and volume

- Time:

Step 1 Roman numerals to 12

Step 2 Tell the time to 5 minutes

Step 3 Tell the time to the minute

Step 4 Read time on a digital clock

Step 5 Use a.m. and p.m.

Step 6 Years, months and days

Step 7 Days and hours

Step 8 Hours and minutes – use start and end times

Step 9 Hours and minutes – use durations

Step 10 Minutes and seconds

Step 11 Units of time

Step 12 Solve problems with time

- Stats:

Step 1 Interpret pictograms

Step 2 Draw pictograms

Step 3 Interpret bar charts

Step 4 Draw bar charts

Step 5 Collect and represent data

Step 6 Two-way tables

Year 3	
Autumn 1	Count in multiples of 3 to 12X3 in order from 0 fluently.
Autumn 2	Recall multiples of 3 up to 12X3 in any order, including missing numbers and related division facts with growing fluency.
	Count in multiples of 4 to 12X4 in order from 0 with growing fluency.
	Introduce (relating to X4) and begin to count in multiples of 8 from 0 to 12X8.
Spring 1	Recall multiples of 3 up to 12X3 in any order, including missing numbers and related division facts fluently.
	Count in multiples of 4 to 12X4 in order from 0 fluently.
	Count in multiples of 8 to 12X8 in order from 0 with growing fluency.
Spring 2	Recall multiples of 4 up to 12X4 in any order, including missing numbers and related division facts with growing fluency..
	Count in multiples of 8 to 12X8 in order from 0 fluently.
Summer 1	Recall multiples of 4 up to 12X4 in any order, including missing numbers and related division facts fluently.
	Recall multiples of 8 up to 12X8 in any order, including missing numbers and related division facts with growing fluency.
Summer 2	Recall multiples of 8 up to 12X8 in any order, including missing numbers and related division facts fluently.

Teaching methodologies:
- ❖ Count objects in groups of 3,4 and 8
- ❖ Hundred square
- ❖ Number lines
- ❖ Array with concrete resources
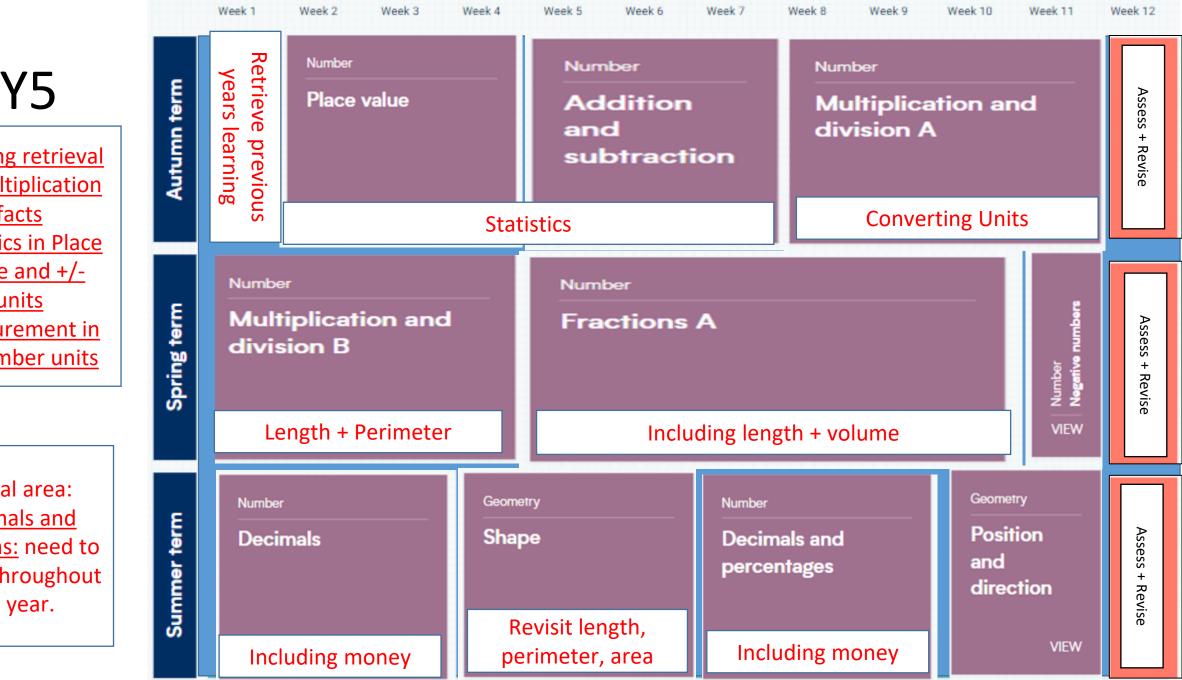- ❖ Pictorial representations on display
- ❖ Rolling numbers

Y4

Ongoing retrieval on multiplication facts

Statistics in Place Value and +/- units

Measurement in all number units

Crucial area: Multiplication and Division and Fractions: need to weave throughout the year.

	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	Retrieve previous years learning											Assess + Revise
Spring term												Assess + Revise
Summer term	Multiplication											Assess + Revise

Autumn term

Include measures

Number — **Place value**

Number — **Addition and subtraction**

Measurement: Money

Statistics

Number — **Multiplication and division A**

Include measures: area

Spring term

Number — **Multiplication and division B**

Measurement: Length and Perimeter

Number — **Fractions**

Measurement: Time

* Mixed numbers (1 ½) to Y4 not Y5

VIEW

Number — **Decimals A**

Include measures and money

Summer term

Number — **Decimals B**

Include measures and money

Measurement — **Money**

VIEW

Measurement — **Time**

VIEW

Geometry — **Shape**

VIEW

Geometry — **Position and direction**

VIEW

Measure to include through number units:

- Area:

  Step 1 What is area?

  Step 2 Count squares

  Step 3 Make shapes

  Step 4 Compare areas

- Length and Perimeter:

  Step 1 Measure in kilometres and metres

  Step 2 Equivalent lengths (kilometres and metres)

  Step 3 Perimeter on a grid

  Step 4 Perimeter of a rectangle

  Step 5 Perimeter of rectilinear shapes

  Step 6 Find missing lengths in rectilinear shapes

  Step 7 Calculate the perimeter of rectilinear shapes

  Step 8 Perimeter of regular polygons

  Step 9 Perimeter of polygons

- Money:

  Step 1 Write money using decimals

  Step 2 Convert between pounds and pence

  Step 3 Compare amounts of money

  Step 4 Estimate with money

  Step 5 Calculate with money

  Step 6 Solve problems with money

- Time:

  Step 1 Years, months, weeks and days

  Step 2 Hours, minutes and seconds

  Step 3 Convert between analogue and digital times

  Step 4 Convert to the 24 hour clock

  Step 5 Convert from the 24 hour clock

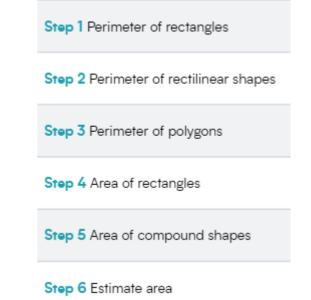| Year 4	
Autumn 1	Recall multiples of 3,4 and 8 up to 12X in any order, including missing numbers and related division facts fluently.
Autumn 2	Recall multiples of 6 in any order, including missing numbers and related division facts with growing fluency. Fluently count in 7s in order up to 12X7.
Spring 1	Recall multiples of 6 in any order, including missing numbers and related division facts fluently. Recall multiples of 7 in any order, including missing numbers and related division facts with growing fluency
Spring 2	Recall multiples of 7 in any order, including missing numbers and related division facts fluently. Fluently count in 9s in order up to 12x9. Fluently count in 11s in order up to 12x11.
Summer 1	Recall multiples of 9 in any order, including missing numbers and related division facts with growing fluency (using 10X and adjusting by 1 group to find 9X as a strategy). Recall multiples of 11 up to 12X11 in any order, including missing numbers and related division facts fluently.
Summer 2	Recall multiples of 9 in any order, including missing numbers and related division facts fluently. Recall multiples of 12 in any order, including missing numbers and related division facts with growing fluency (using 10X and adjusting by adding 2 more groups).

Teaching methodologies:
- ❖ Hundred square
- ❖ Number lines
- ❖ Pictorial representations on display
- ❖ Rolling numbers

Y5

Ongoing retrieval on multiplication facts
Statistics in Place Value and +/- units
Measurement in all number units

Crucial area: Decimals and Fractions: need to weave throughout the year.

	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	Retrieve previous years learning	Number **Place value**			Number **Addition and subtraction**			Number **Multiplication and division A**				Assess + Revise
		Statistics						Converting Units				
Spring term		Number **Multiplication and division B**			Number **Fractions A**					Number Negative numbers VIEW		Assess + Revise
		Length + Perimeter			Including length + volume							
Summer term		Number **Decimals**		Geometry **Shape**		Number **Decimals and percentages**		Geometry **Position and direction**				Assess + Revise
		Including money		Revisit length, perimeter, area		Including money		VIEW				

Measure to include through number units:

- Perimeter and area:

Step 1 Perimeter of rectangles

Step 2 Perimeter of rectilinear shapes

Step 3 Perimeter of polygons

Step 4 Area of rectangles

Step 5 Area of compound shapes

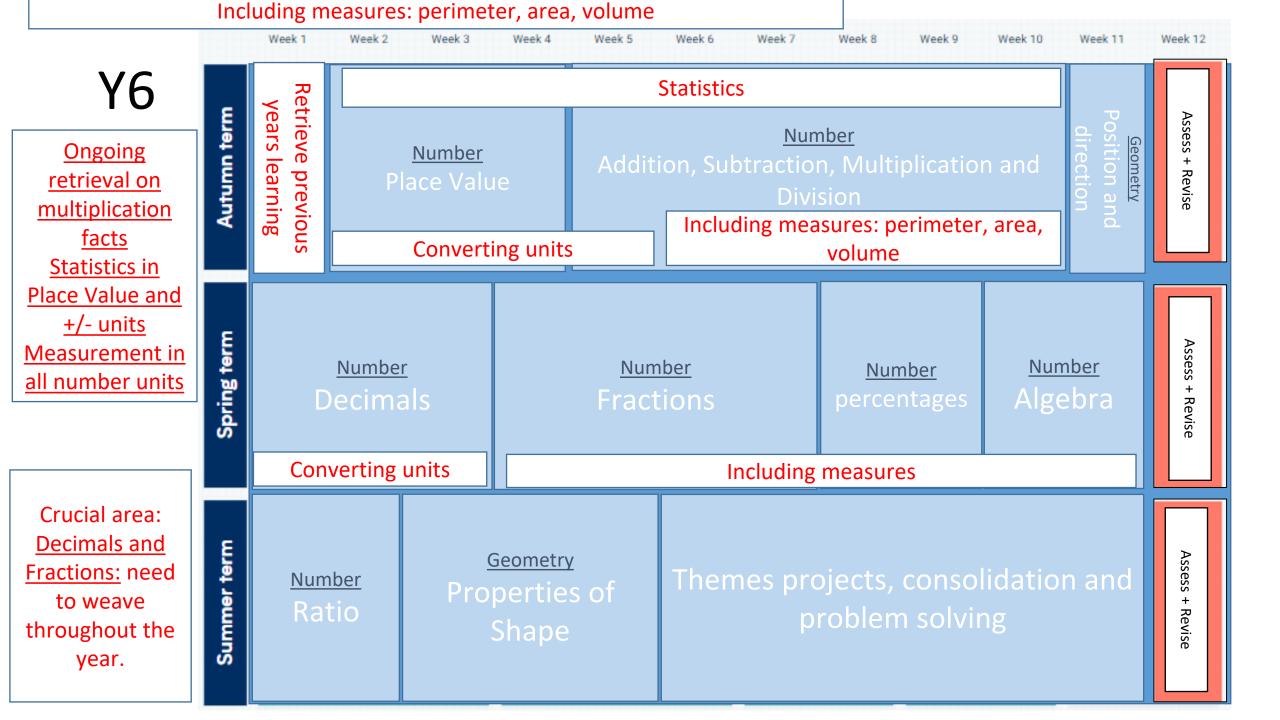Step 6 Estimate area

- Converting units:

Step 1 Kilograms and kilometres

Step 2 Millimetres and millilitres

Step 3 Convert units of length

Step 4 Convert between metric and imperial units

Step 5 Convert units of time

Step 6 Calculate with timetables

- Volume:

Step 1 Cubic centimetres

Step 2 Compare volume

Step 3 Estimate volume

Step 4 Estimate capacity

Year 5

The National Curriculum expectation is tat by the end of Year 4, children are able to recall all 12 tables up to 12X12.

To secure this, we recommend that the first term of Year 5 be used to consolidate by continuing your practice.

If you find that your children are working below the structure outlines in this document, we recommend tracking back to where your children are.

| Autumn Term | Recall multiples of 12 in any order, including missing numbers and related division facts fluently.

Recall multiples of all times tables up to 12X12 in any order, including missing numbers and related division facts with growing fluency. |
| --- | --- |

Teaching methodologies:
❖ Pictorial representations on display
❖ Rolling numbers

Including measures: perimeter, area, volume

Y6

Ongoing retrieval on multiplication facts
Statistics in Place Value and +/- units
Measurement in all number units

Crucial area: Decimals and Fractions: need to weave throughout the year.

	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

Retrieve previous years learning

Statistics

Number
Place Value

Number
Addition, Subtraction, Multiplication and Division

Including measures: perimeter, area, volume

Converting units

Geometry
Position and direction

Assess + Revise

Spring term

Number
Decimals

Number
Fractions

Number
percentages

Number
Algebra

Converting units

Including measures

Assess + Revise

Summer term

Number
Ratio

Geometry
Properties of Shape

Themes projects, consolidation and problem solving

Assess + Revise

Measure to include through number units:

- Converting Units:

Step 1 Metric measures

Step 2 Convert metric measures

Step 3 Calculate with metric measures

Step 4 Miles and kilometres

Step 5 Imperial measures

- Area, perimeter and volume:

Step 1 Shapes – same area

Step 2 Area and perimeter

Step 3 Area of a triangle — counting squares

Step 4 Area of a right–angled triangle

Step 5 Area of any triangle

Step 6 Area of a parallelogram

Step 7 Volume - counting cubes

Step 8 Volume of a cuboid