

Maths Long Term Plan – With End Points

'Being Our Best Selves'

Year	Autumn	Spring	Summer
Group			
Reception	Units: Getting to Know You, Just Like Me! It's Me 1 2 3! Light and Dark	Units: Alive 5! Growing 6,7,8, Building 9 and 10	Units: To 20 and Beyond, First Then Now, Find My Pattern, On The Move
	Getting to Know You – Weeks 1-3 Just Like Me! – Weeks 4-6 • Matching • Sorting • Odd One Out	Alive in 5! – Weeks 1-3 Introducing Zero Comparing Numbers to 5 Composition of 4 and 5 Compare Mass Compare Capacity	To 20 and Beyond – Weeks 1-3 Consolidating key skills Building Numbers Beyond 10 Counting Patterns Beyond 10 Spatial Reasoning
	 Compare Amounts Compare Size, Mass & Capacity Make Simple Patterns It's Me 1 2 3! – Weeks 7-9 	Growing 6,7,8 – Weeks 4-6 • 6, 7 and 8 • Making Pairs • Combining 2 Groups • Length and Height	First Then Now – Weeks 4-6 • Adding More • Taking Away • Spatial Reasoning Find My Pattern – Weeks 7-9
	 Representing 1 2 3 Comparing 1 2 3 Composition of 1 2 3 Circles and Triangles 	 Time Building 9 and 10 – Weeks 7-9 9 and 10 	 Doubling Sharing and Grouping Even and Odd Spatial Reasoning

	 Spatial Awareness Light and Dark – Weeks 10-12 Four Five One More and One Less Shapes with 4 sides Night and Day Consolidation – Week 13-14 	 Comparing Numbers to 10 Bonds to 10 3-D Shape Patterns Consolidation – Weeks 10-12	On The Move – Weeks 10-12 • Deepening Understanding • Patterns and Relationships • Spatial Reasoning
Year 1	 Units: Place Value (within 10),	 Units: Place Value (within 20),	 Units: Multiplication and Division,
	Addition and Subtraction (within 10),	Addition and Subtraction (within 20),	Fractions, Position & Direction, Place
	Shape, Place Value (within 20) Place Value – Weeks 1-5 Count to 10 forwards and	Place Value (within 50), Length and	Value (within 100), Money, Time Multiplication and Division – Week 1-3 Count in multiples of 2's, 5's
	backwards beginning with 0 or	Height, Weight and Volume Place Value – Week 1-3 Count to 20 forwards and	and 10's Solve one step problems
	1 or from any given number Count, read and write numerals	backwards from any given	involving multiplication and
	to 10 in numerals and words Given a number, identify one	number Count, read and write numbers	division by calculating the
	more or one less Identify and represent numbers	to 20 in numerals and words Given a number identify one	answer using concrete objects,
	using objects and pictorial	more or one less Identify and represent numbers	pictorial representations and
	representation including a	using objects and pictorial	arrays Fractions – Week 4-5 Recognise, find and name a
	number line and use the	representation including a	half as one of two equal parts
	language of equal to, more	number line and use the	of an object, shape or quantity Recognise, find and name a
	than, less than, (fewer) most,	language of equal to, more	quarter as one of four equal
	least Addition and Subtraction (within 10) –	than, less than, (fewer) most,	parts of an object, shape or
	Weeks 6-10	least Addition and Subtraction – Week 4-6	quantity

- Represent and use number bonds and related subtraction facts within 10
- Read, write and interpret mathematical statements involving addition, subtraction and equal signs
- Add and subtract one-digit numbers to 10 including 0
- Solve one step problems that involve addition and subtraction using concrete objects and pictorial representation and missing number problems

Shape – Week 11

- Recognise and name common 2-D shapes e.g. square, circle and triangles
- Recognise and name common 3-D shapes e.g. Cuboids, cubes, pyramids and spheres

Consolidation – Week 12

- Represent and use number bonds and related subtraction facts within 20.
- Read, write and interpret mathematical statements involving addition, subtraction and equal signs •
- Add and subtract one-digit numbers to 20 including 0 •
- Solve one step problems that involve addition and subtraction using concrete objects and pictorial 7=? -9

Place Value – Week 7-8

- Count to 50 forwards and backwards beginning with 0 or 1 or from any given number
- Count, read and write numerals to 50 in numerals and words
- Given a number, identify one more or one less
- Identify and represent numbers using objects and pictorial representation including a number line and use the language of equal to, more than, less than, (fewer) most, least
- Count in multiples of 2's, 5's and 10's

- Compare, describe and solve practical problems for lengths and heights, e.g. long/short, longer/shorter, tall/short, double/half
- Compare, describe and solve practical problems for mass and weights, e.g. heavy/light, heavier than/lighter than, Capacity and volume e.g. full/empty, more than, less than, half, half full, quarter

Position and Direction – Week 6

 Describe position, direction and movement including whole, half, quarter and three-quarter turns

Place Value – Week 7-8

- Count to 100 forwards and backwards beginning with 0 or 1 or from any given number
- Count, read and write numerals to 100 in numerals and words
- Given a number, identify one more or one less
- Identify and represent numbers using objects and pictorial representation including a number line and use the language of equal to, more

 Length and Height – Week 9-10 Measure and begin to recollengths and heights Compare, describe and sol practical problems for length and heights e.g. long/short longer/shorter, tall/short, double/half Weight and Volume – Week 11-11: Measure and begin to recolmass/weight, capacity and volume Compare, describe and sol practical problems for mass/weight e.g. heavy/ligh heavier than/lighter than, capacity and volume e.g. full/empty, more than/less thalf, half full, quarter 	 Money – Week 9 Recognise and know the value of different denominations of coins and notes Time – Week 10-11 Sequence events in chronological order using language eg before, after, next, first, today, yesterday, tomorrow, morning, afternoon and evening Recognise and use language relating to dates including days of the week, weeks, months
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Year 2	Units: Place Value, Addition and Subtraction, Money, Multiplication and Division	Units: Money, Multiplication and Division, Length and height, Mass, capacity and temperature	Units: Fractions, Time, Statistics, Position and direction
	 Place Value – Week 1-4 Read and write numbers to at least 100 in numerals and words. Recognise the place value of each digit in a 2-digit number (tens & ones) Identify, represent and estimate 	 Money – Week 1-2 Recognise and use symbols for pounds and pence (£/p) Combine amounts to make a particular value • Find different combinations of coins that make the same amount of money 	 Fractions – Week 1-3 Recognise, find, name and write fractions of a length, shape, set of objects or quantity 1/2 1/3 1/4 2/4 and ³/₄ Write simple fractions for example ¹/₂ of 6 = 3 Recognise the equivalence of 2/4 and 1/2
	 numbers using different representations including the number line. Compare and order numbers from 0 – 100; use < > and = signs. Use place value and number facts to solve problems 	 Solve simple problems practically, including addition and subtraction and giving change. Multiplication and Division – Week 3-7 Recall and use multiplication facts for 2, 5 and 10-times 	 Time – Week 4-6 Tell and write the time to five minutes, including quarter past/to the hour. Draw hands on a clock to show these times Know the number of minutes in
	 Count in steps of 2,3, 5 and 10s from any number forwards and backwards 	 tables including recognising odd and even numbers Calculate mathematical statements for 2, 5 and 10's using multiplication and division 	an hour and the number of hours in a dayCompare and sequence intervals of time
	 Addition and Subtraction – Week 5-9 Recall and use addition & subtraction facts to 20 fluently. Derive and use related facts up to 100. Add & subtract numbers using concrete objects, pictorial 	 using x, ÷ and = Solve problems using multiplication and division using, materials, arrays, repeated addition and mental methods. 	 Statistics – Week 7-8 Interpret and construct simple pictograms, tally charts, block diagrams and simple tables Ask and answer simple questions by counting the number of objects in each

representations and mentally, including two digit numbers and ones, two digit numbers and tens, two digit number and two digit number and adding 3 one digit numbers.

- Show that the addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.
- Solve problems with addition and subtraction: using concrete objects and pictorial representations. Include problems involving numbers, quantities and measures.
 Recognise and use the inverse relationship between addition and subtraction. Use this to

Properties of Shape – Week 10-12

- Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line
- Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces.

Show that multiplication of two numbers can be done in any order (commutative) but division cannot.

Length and Height – Week 8-9

- Choose and use appropriate standards of units to estimate and measure length/height (m/cm) in any direction; mass (kg/g), temperature (®C), capacity (l/ml).
- Use rulers, scales thermometers and measuring vessels to the nearest unit.
- Compare and order lengths, mass, volume/capacity and record the results using < > and =

Mass, Capacity and Temperature – Week 10-12

- Choose and use appropriate standards of units to estimate and measure length/height (m/cm) in any direction; mass (kg/g), temperature (®C), capacity (l/ml).
- Use rulers, scales thermometers and measuring vessels to the nearest unit.

category and sorting the categories by quantity

 Ask and answer questions about totaling and comparing categorical data.

Position and Direction – Week 9-10

- Use mathematical vocabulary to describe position, direction and movement including in a straight line.
- Distinguish between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise)
- Order and arrange combinations of mathematical objects in patterns and sequences.

Consolidation – Week 12

	 Identify 2D shapes on the surface of 3D shapes e.g a circle on a cylinder and a triangle on a pyramid. Compare and sort common 2D and 3D shapes and everyday objects 	 Compare and order lengths, mass, volume/capacity and record the results using < > and = Consolidation 	
Year 3	 Units: Place Value, Addition and Subtraction, Multiplication and Division Place Value – Week 1-3 Recognise the place value of each digit in a three-digit number Identify, represent and estimate using different representations Find 10 or 100 more or less than a given number Compare and order numbers up to 1000 Read and write numbers in numerals and words up to 1000 Solve number problems and practical problems involving these ideas. Count from 0 in multiples of 4, 8, 50 and 100. 	 Units: Multiplication and Division, Length and Perimeter, Fractions, Mass and Capacity Multiplication and Division – Week 1-3 Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables. Write and calculate multiplication and division statements for the tables known including 2 digits times 1-digit numbers using mental and formal written methods Solve problems, including missing numbers involving multiplication and division. Solve problems including positive integer scaling and correspondence problems in 	 Units: Fractions, Money, Time, Properties of Shape, Statistics Fractions – Week 1-2 Recognise and show, using diagrams, equivalent fractions with small denominators Compare and order unit fractions, and fractions with the same denominators Add and subtract fractions with the same denominator within one whole. Solve problems that involve all the above Money – Week 3-4 Add and subtract amounts of money to give change using £ and p in practical contexts.

	which n objects are connected	Time – Week 5-7
Addition and Subtraction – Week 4-8	to m objects	Tell and write the time from an
Add and subtract numbers		analogue clock
mentally including: 3 digits and		Tell and write the time from an
ones, 3 digits and tens, 3 digits		analogue clock with Roman
and hundreds.	subtract lengths (m/cm/mm),	Numerals I to XII
Add and subtract numbers with		• Tell the 12 hour and 24-hour
up to 3 digits using formal	volume/capacity (l/ml)	time
written methods of columnar	Measure the perimeter of	Estimate and read time with
addition and subtraction	simple 2D shapes.	increasing accuracy to the
Estimate the answer to a calculation and use inverse	Fractions – Week 7-9	nearest minuteRecord and compare time in
operations to check answers	Count up and down in tenths	terms of seconds, minutes and
 Solve problems, including 	 Recognise that tenths arise 	hours
missing numbers, using	from dividing an object into 10	Use vocabulary such as
number facts, place value and	equal parts and in dividing one-	o'clock, am/pm, morning,
more complex addition and	digit numbers or quantities by	afternoon, noon and midnight
subtraction.	10.	 Know the number of seconds in
	Recognise and use fractions as	a minute
Multiplication and Division – Week 9-	numbers, unit and non-unit	Know the number of days in
12	fractions with small	each month
Count from 0 in multiples of 4,	denominators.	Know the number of days in a
8, 50 and 100	 Recognise, find and write 	year and leap year
Recall and use multiplication	fractions of a discrete set of	Compare durations of events
and division facts for the 3, 4	objects, unit and non-unit	(time taken by particular events
and 8 multiplication tables.	fractions with small	or tasks)
Write and calculate	denominators.	
multiplication and division	Solve problems that involve all	Properties of Shape – Week 8-9
statements for the tables	the above.	Recognise angles as a
known including 2 digits times		property of shape or a
1-digit numbers using mental		description of a turn
and formal written methods		 Identify right angles

 Solve problems, including missing numbers involving multiplication and division. Solve problems including positive integer scaling and correspondence Consolidation 	Mass and Capacity – Week 10-12 Measure, compare, add and subtract lengths (m/cm/mm), mass (kg/g) and volume/capacity (l/ml) Consolidation	 Recognise that 2 right angles make a half turn, 3 make three quarters of a turn, and 4 make a complete turn Identify whether angles are greater than or less than a right angle Identify horizontal and vertical lines. Identify pairs of perpendicular and parallel lines Draw 2D shapes and make 3D shapes using modelling material Recognise 3D shapes in different orientations and describe them
		 Statistics – Week 10-11 Interpret and present data using bar charts, pictograms and tables Using information presented in scaled bar charts, pictograms and tables, solve one step and two step questions e.g How many more? How many fewer? Consolidation – Week 12

Year 4	Units: Place Value, Addition and Subtraction, Area, Multiplication and Division	Units: Multiplication and Division, Length and Perimeter, Fractions, Decimals	Units: Decimals, Money, Time, Properties of Shape, Statistics, Position and Direction
	 Place Value – Week 1-4 Count in multiples of 6, 7, 9, 25 and 1000 Find 1000 more or less than a given number Recognise the place value of each digit in a 4-digit number Order and compare numbers beyond 1000 Identify, represent and estimate numbers using different representations Round any number to the nearest 10, 100 and 1000 Count backwards through zero to negative numbers 	 Multiplication and Division – Week 1-3 Solve problems involving multiplying and adding including using the distributive law to multiply 2-digit numbers by 1 digit; integer scaling problems and correspondence problems such as n objects are connected to m objects Divide 3 digit numbers by 1 digit numbers using a formal written method Multiply 2 digit and 3-digit numbers by a one-digit number using formal written layout 	 Decimals – Week 1-2 Compare numbers with the same number of decimal places up to two decimal places. Round decimals with one decimal place to the nearest whole number. Recognise and write decimal equivalents to ¼ ½ and ¾ Understand the effect of dividing a one- or two-digit number by 10 or 100. Identifying the value of the digits in the answer as ones, tenths and hundredths.
	 Solve number and practical problems will all of the above. Addition and Subtraction – Week 5-7 Add and subtract numbers with up to 4 digits using the formal written method of columnar addition and subtraction where appropriate 	 Length and Perimeter – Week 4-5 Measure and calculate the perimeter of a rectilinear figure (including squares) in cm and m Convert between different units of measure e.g. km to m Fractions – Week 6-9 Recognise and show, using diagrams, families of common equivalent fractions 	 Money – Week 3-4 Estimate, compare and calculate different measures, including money in pounds and pence. Solve simple measure and money problems involving fractions and decimals to two decimal places.

•	Estimate and use inverse	•	Count up and down in	Time	– Week 5-6
	operations to check answers to		hundredths	•	Read, write and convert time
	a calculation	•	Recognise that hundredths		between analogue and digital
•	Solve addition and subtraction		arise when dividing an object		12- and 24-hour clocks.
	two step problems in context, ,		by 100 and dividing tenths by	•	Solve problems involving
	deciding which operations and		10		converting from hours to
	methods to use and why.	•	Add and subtract fractions with		minutes; minutes to seconds;
			the same denominator		years to months; weeks to
Area	– Week 8	•	Solve problems involving		days.
•	Find the area of rectilinear		increasingly harder fractions to		
	shapes by counting squares		calculate quantities, and	Cons	olidation – Week 7
			fractions to divide quantities,		
Multir	olication and Division – Week 9-		including non-unit fractions	Prop	erties of Shape – Week 8-9
11			where the answer is a whole	•	Identify acute and obtuse
•	Recall and use multiplication		number		angles
	and division facts for			•	Compare and order angles up
	multiplication tables up to 12 X	Decin	nals – Week 10-12		to 2 right angles by size
	12	•	Recognise and write decimal	•	Compare and classify
•	Count in multiples of 6, 7, 9, 25		equivalents of any number of		geometric shapes including
	and 1000		tenths or hundredths.		quadrilaterals and triangles,
•		•	Find the effect of dividing a		based on their properties and
	derived facts to multiply and		one- or two-digit number by 10		size
	divide mentally, including		or 100, identifying the value of	•	Identify lines of symmetry in 2
	multiplying by 0 and 1, dividing		the digits in the answer as		shapes presented in different
	by 1		ones, tenths and hundredths		orientations
•		•	Solve simple measure and		
•	Recognise and use factor pairs		money problems involving	Statis	stics – Week 10
	and commutativity in mental		fractions and decimals to two	•	Interpret and present discrete
	calculations		decimal places.		and continuous data using
		•	Convert between different units		appropriate graphical methods
Cons	olidation – Week 12		of measure [for example,		including bar charts and time
			kilometre to metre]		graphs.

			 Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs
			 Position and Direction – Week 11-12 Describe on a 2D grid as coordinates in the first quadrant Plot specified points and draw sides to complete a given polygon Describe movements between positions as translations of a given unit to the left/right and up/down.
			Consolidation
Year 5	Units: Place Value, Addition and Subtraction, Statistics, Multiplication and Division, Fractions	Units: Multiplication and Division, Fractions, Decimals and Percentages, Perimeter & Area, Statistics	Units: Properties of Shape, Position and Direction, Decimals, Negative Numbers, Converting Units, Volume
	 Place Value – Week 1-3 Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000 	 Multiplication and Division – Week 1-3 Multiply and divide numbers mentally drawing upon known facts. Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for 2-digit numbers. 	 Properties of Shape – Week 1-3 Identify 3-D shapes, including cubes and other cuboids, from 2-D representations. Use the properties of rectangles to deduce related facts and find missing lengths and angles.

- Interpret negative numbers in context
- Count forwards and backwards with positive and negative whole numbers including through zero
- Round any number up to 1,000,000 to the nearest 10, 100,1000, 10,000 and 100,000
- Solve number and practical problems that involve all the above
- Read Roman numerals up to 1,000 (M) and recognise years written in Roman numerals

Addition and Subtraction – Week 4-5

- Add and subtract numbers mentally with increasingly large numbers
- Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar)
- Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy
- Solve addition and subtraction multi-step problems in contexts, deciding with

- Divide numbers up to 4 digits by a 1- digit number using the formal written method of short division and interpret remainders appropriately for the context.
- Solve problems involving addition and subtraction, multiplication and division and a combination of these, including understanding the use of the equals sign

Fractions – Week 4-5

- Compare and order fractions whose denominators are multiples of the same number.
- Identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths.
- Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements
 1 as a mixed number e.g 2/5
 + 4/5 = 6/5 = 1 1/5
- Add and subtract fractions with the same denominator and denominators that are multiples of the same number

- Distinguish between regular and irregular polygons based on reasoning about equal sides and angles.
- Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles.
- Draw given angles and measure them in degrees.
- Identify: angles at a point and one whole turn (total 360°), angles at a point on a straight line and ½ a turn (total 180°) other multiples of 90°

Position and Direction – Week 4-5

 Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed

Decimals – Week 6-8

- Recognise and write decimal equivalents of any number of tenths or hundredths.
- Find the effect of dividing a one- or two-digit number by 10 or 100, identifying the value of

prime numbers up to 19 a multiple of 10 or 25 converting between units of time.

	 Fractions – Week 9-12 Compare and order fractions whose denominators are multiples of the same number. Identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths. Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements >1 as a mixed number e.g 2/5 + 4/5 = 6/5 = 1 1/5 Add and subtract fractions with the same denominator and denominators that are multiples of the same number 	 Perimeter and Area – Week 9-10 Measure and calculate the perimeter of composite rectilinear shapes in cm and m Calculate and compare the area of rectangles (including squares) using standard units cm2/m2 Estimate the area of irregular shapes Statistics – Week 11-12 Solve comparison, sum and difference problems using information presented in a line graph Complete, read and interpret information in tables including timetables. 	 Volume – Week 12 Estimate volume (e.g. using 1<i>cm</i>3 blocks to build cuboids, including cubes) and capacity (e.g. using water) Use all 4 operations to solve problems involving measure Consolidation
Year 6	 Units: Place Value, Four Operations, Fractions, Converting Units Place Value – Week 1-2 Read, write, order and compare numbers up to 10,000,000 and determine the value of each digit Round any whole number to a required degree of accuracy 	 Units: Ratio, Algebra, Decimals, Fractions, Decimals&Percentages, Perimeter Area and Volume, Statistics Ratio – Week 1-2 Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts. 	 Units: Properties of Shape, Position and direction Properties of Shape – Week 1-3 Draw 2-D shapes using given dimensions and angles. Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any

 Use negative numbers in context and calculate intervals across zero Solve number and practical problems that involve all the above 	
Four Operations – Week 3-7	
Solve addition and subtraction	
multi-step problems in contexts	Al
deciding which operations and	

- methods to use and why
 Multiply multi-digit numbers up to 4 digits by a 2-digit number using the formal written method of long multiplication
- Divide numbers up to 4 digits by a 2-digit whole number using the formal written method of long division.
- Divide numbers up to 4 digits
 by a 2-digit number using the formal written method of short division
- Interpret remainders as whole number remainders, fractions or by rounding as appropriate for the context
- Perform mental calculations, including with mixed operations and large numbers

- Solve problems involving similar shapes where the scale factor is known or can be found.
- Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples

Algebra – Week 3-4

- Use simple formulae.
- Generate and describe linear number sequences.
- Express missing number problems algebraically.
- Find pairs of numbers that satisfy an equation with two unknowns.
- Enumerate possibilities of combinations of two variables.

Decimals – Week 5-6

- Identify the value of each digit in numbers given to 3 decimal places and multiply numbers by 10, 100 and 1,000 giving answers up to 3 decimal places.
- Multiply 1-digit numbers with up to 2 decimal places by whole numbers.

triangles, quadrilaterals and regular polygons.

 Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.

Position and Direction – Week 4

- Describe positions on the full co-ordinate grid (all 4 quadrants)
- Draw and translate simple shapes on the co-ordinate plane and reflect them in the axes

Consolidation and themed projects – Week 5 onwards

•	common multiples and prime numbers	 Use written division methods in cases where the answer has up to 2 decimal places. Solve problems which require answers to be rounded to specified degrees of accuracy.
•	 operations Solve problems involving addition, subtraction, multiplication and division Use estimation to check answers to calculations and 	 Fractions, Decimals and Percentages Week 7-8 Solve problems involving the calculation of percentages [for example, of measures and
Frac	 determine in context of a problem, an appropriate degree of accuracy ctions- Week 8-11 Use common factors to simplify 	 such as 15% of 360] and the use of percentages for comparison. Recall and use equivalences between simple fractions, decimals and percentages
	 fractions Use common multiples to express fractions in the same denomination Compare and order fractions, 	including in different contexts Perimeter, Area and Volume – Week 9-10 • Recognise that shapes with the
	number sequences (with fractions)	 same areas can have different perimeters and vice versa. Recognise when it is possible to use formulae for area and volume of shapes. Calculate the area of parallelograms and triangles.
	concept of equivalent fractions	 Calculate, estimate and compare volume of cubes and

Multiply simple pairs of proper
fractions writing the answer in
its simplest form e.g. 1/4 X 1/2
= 1/8

- Divide proper fractions by whole numbers e.g. 1/3 ÷ 2 = 1/6
- Associate a fraction with division and calculate decimal fraction equivalents
- Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts

Converting Units – Week 12

- Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate.
- Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to 3 dp.
- Convert between miles and kilometres.

cuboids using standard units, including cm3, m3 and extending to other units (mm3, km3)

Statistics – Week 11-12

- Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius.
- Interpret and construct pie charts and line graphs and use these to solve problems.
- Calculate the mean as an average.

Consolidation

Consolidation	