

Year 3	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn term 1	Place value		Addition and subtraction		Multiplication and division		Shape (as before)
	To learn to count in hundreds and understand the place value. Pupils will also understand how many hundreds are needed to make 1000. Compose and decompose numbers consisting of hundreds, tens and ones. To understand the value of each digit in a 3- digit number. To be able to compare and order numbers. To be able to count in fifties. To recognise, describe and continue a number pattern going in 1's and 10s . To be able	To learn to count in hundreds and understand the place value. Pupils will also understand how many hundreds are needed to make 1000. Compose and decompose numbers consisting of hundreds, tens and ones. To understand the value of each digit in a 3- digit number. To be able to compare and order numbers. To be able to count in fifties. To recognise, describe and continue a number pattern going in 1's and 10s . To be able	To understand the commutative law of addition and subtraction facts (stick to smaller numbers to understand and use of bar modelling). Add a 3-digit number to a 1- digit number with no regrouping. Add a 3-digit number to a multiple of 10 (2-digit number) without regrouping.	To do simple subtraction by taking away a 1- digit number from a 2- digit number without regrouping. Simple subtraction by taking away a 1- digit number from a 3- digit number without regrouping. Subtract multiples of 10, up to 90, from a 3-digit number. Subtract hundreds from a 3- digit number.	To be able to divide by 2. To be able to divide by 5 and identify links with multiplying by 5. To be able to divide by 10 and identify links with multiplying by 10. To multiply multiples of 10 by a 1- digit number. Multiplying 2-Digit Numbers To multiply any 2-digit number by a 1-digit number. Multiplying 2-Digit Numbers To multiply more 2- digit numbers. Multiplying with Regrouping To multiply with regrouping. Dividing 2-Digit Numbers To understand simple division of a 2-digit number by a 1-digit number.	Make and visualise shapes. Identify 2- D shapes on the surface of 3-D shapes, for example, a circle on a cylinder and a triangle on a pyramid. Classify shapes. Identify and describe the properties of 2-D shapes, including the number of sides. Classify shapes. Identify and describe the properties of 3-D shapes,	

	to recognise, describe and complete number patterns going in 100's. To be able to count in fours and eights (this lesson is about spotting patterns rather than rote learning).	to recognise, describe and complete number patterns going in 100's. To be able to count in fours and eights (this lesson is about spotting patterns rather than rote learning).			Dividing with Regrouping To divide where there is a need to regroup. Dividing with Regrouping To use long division to divide. Solving Word Problems To solve word problems that involve multiplication.	including the number of edges, vertices
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Year 3	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn term 2	Fractions		Addition (new objectives)	Subtraction (new objectives)	Assessment	Measure (mass)	
	Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10. Recognise, find and write fractions of a discrete set of objects: unit fractions and nonunit fractions with small denominators. Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators. Recognise and show, using diagrams, equivalent fractions with small denominators. Add and subtract fractions with the same denominator within one whole [for example, $\frac{7}{5} + \frac{7}{1} = \frac{7}{6}$] Compare and order unit fractions, and fractions with the same denominators.		Add multiples of 100 to a 3-digit number. without regrouping. Add a 3-digit number to a 1-digit number, with regrouping in ones ($317 + 4$) Add a 3-digit number to a 2-digit number, with regrouping in tens ($324 + 91$) Add two 3-digit numbers with regrouping the ones ($317 + 246$) Add two 3-digit numbers with regrouping the tens ($256 + 381$) Add with regrouping in ones and tens.	Subtract multiples of 1 and 10 from a 3-digit number. Understand simple subtraction of a 3-digit number by another 3-digit number using the column method (not regrouping). Subtract with regrouping in tens and ones. Subtract with regrouping tens and hundreds. Subtract a 3-digit number with zeros.		To measure mass using weighing scales and compare the mass of objects using grams and kilograms. (exact measurements). To use weighing scales to measure mass when the mass is between multiples of 100 g. To read values on a scale which are 1 kg or more. (mixed measurements .e.g. 1kg 200g). To weigh heavier items where the markers in the scales represent 200 g each.	To choose the appropriate tools and units when measuring, selecting from a wider range of measures. (select classroom objects to measure) To compare mass, identifying heavier and lighter. To solve word problems relating to mass with addition and subtraction

Year 3	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Spring term 1	Measures (volume)		Lines within shapes – angles.		Calculations recap all 4 operations	
	To measure volume in millilitres. To measure capacity in millilitres. To measure volume using millilitres and litres. To choose the appropriate tools and units when measuring, selecting from a wider range of measures.	To measure volume using millilitres and litres in comparison to 1 l. To solve basic word problems related to volume. To solve two step word problems	Identify horizontal and vertical lines and pairs of perpendicular and parallel lines. Horizontal and vertical lines of symmetry. Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn Identify whether angles are greater than or less than a right angle. Describe 2-D shapes using accurate language, including lengths of lines and angles greater or less than a right angle. Give and follow multi-step directions in own environment. Recognise angles as a property of shape or a description of a turn.		See objectives from Autumn term.	

Year 3	Week 1	Week 2	Week 3	Week 4	Week 5
Spring term 2	Fractions		Assessment week	Measurement length	
	Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10 Recognise, find and write fractions of a discrete set of objects: unit fractions and nonunit fractions with small denominators Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators. Recognise and show, using diagrams, equivalent fractions with small denominators. Add and subtract fractions with the same denominator within one whole [for example, $\frac{7}{5} + \frac{7}{1} = \frac{7}{6}$. Compare and order unit fractions, and fractions with the same denominators.			Read scales, in divisions 1's, 2's, 5's and 10's. Use metres and centimetres to measure objects. Compare two lengths.	To write length in centimetres only by converting metres to centimetres. Multiply and divide by 10 and 100 (additional skill to be covered in specific lessons)

Year 3	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Summer term 1	Shape		Time	Measures (mass) recap	Measures (length) recap	Statistics	?
	Previous year 2 knowledge to recap). Use mathematical vocabulary to describe position. Use mathematical vocabulary to describe movement, including movement in a straight line.	Draw 2-D shapes with straight sides measured in cm. Make 3-D shapes using modelling materials. Recognise 3-D shapes.	Read the time on a clock to 30 minute (Year 2 gap). Read the time on a clock to 15 minute (year 2 gap) Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times. Record the time on an analogue clock in words.	To measure mass using weighing scales and compare the mass of objects using grams and kilograms. (exact measurements). To use weighing scales to measure mass when the mass is between multiples of 100 g. To read values on a scale which are 1 kg or more. (mixed measurements .e.g. 1kg 200g). To weigh heavier items where the markers in the scales represent 200 g each.	Read scales, in divisions 1's,2's,5's and 10's. Use metres and centimetres o measure objects. Compare two lengths. To write length in centimetres only by converting metres to centimetres. Multiply and divide by 10 and 100 (additional skill to be covered in specific lessons)	Interpret bar charts, pictograms and tables. Present data in bar charts, pictograms and tables. Solve problems with one or two steps using scaled bar charts, pictograms and tables Continue to count the number of objects in each category and sort the categories by quantity.	

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Summer term 2	Calculations recap. (all four operations).		Fractions recap		Assessment week	Time	
			Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10 Recognise, find and write fractions of a discrete set of objects: unit fractions and nonunit fractions with small denominators Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators. Recognise and show, using diagrams, equivalent fractions with small denominators. Add and subtract fractions with the same denominator within one whole [for example, $\frac{7}{5} + \frac{7}{1} = 7 \frac{6}{5}$.			Read the time on a clock to 30 minute (Year 2 gap.) Read the time on a clock to 15 minute (year 2 gap). Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times. Record the time on an analogue clock in words.	

			Compare and order unit fractions, and fractions with the same denominators.		
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