Cromwell Academy Maths Objectives

I can order and compare numbers to at least 10,000,000 and determine the value of each digit. I can use negative numbers in context. I can round any number (up to 10,000,000) to the nearest 10, 100, 1,000, 10,000, 10,000, 100,000 and 1,000,000. I can solve addition and subtraction number calculations that involve brackets. I can explain the methods I have used to solve problems. I can use estimation to check answers to calculations. I can use the formal written method of short division calculations and express them as fractions, decimals or by rounding. I can use the formal written method of short division to record my calculations. I can use the formal written method of short division to record my calculations. I can use the formal written method of short division to record my calculations and express them as fractions, decimals or by rounding. I can use the formal written method of short division to record my calculations. I can use the formal written method of short division to record my calculations and express them as fractions, decimals or by rounding. I can use the formal written method of short division to record my calculations. I can use the formal written method of short division to record my calculations and express them as fractions, decimals or by rounding. I can use the formal written method of short division to record my calculations. I can divide 4 digit numbers by a two digit number using a formal written method of short division calculations and express them as fractions, decimals or by rounding. I can use the formal written method of short division to record my calculations. I can divide 4 digit number should be dependent of the formal written method of short division to record my calculations. I can use the formal written method of short division to record my calculations. I can divide the formal written method of short division to record my calculations. I can use the formal written method of short division to record my calculations. I can use the formal written method		Numbers and the number system	Addition and subtraction	Multiplication and division	FDP, ratio and algebra
I can order and compare numbers to at least 10,000,000 and determine the value of each digit. I can use negative number in context. I can round any number (up to 10,000,000). It the nearest 10, 100, 1,000, 100,000 and 1,000,000). I can use negative numbers in context. I can round any number (up to 10,000,000) to the nearest 10, 100, 1,000, 100,000 and 1,000,000). I can solve addition and subtraction number calculations that involve brackets. I can solve addition and subtraction problems with 3 or more steps. I can use known facts to rapidly solve multi-step mental calculations. I can divide 4 digit numbers by a two digit number using a formal written method. I can interpret remainders from division calculations and express them as fractions, decimals or by rounding. I can use the formal written method of short division to record my calculations. I can use the formal written method of short division to record my calculations. I can divide 4 digit number by a two digit number using a formal written method. I can interpret remainders from division calculations and express them as fractions, decimals or by rounding. I can use the formal written method of short division to record my calculations.		I can read and write numbers to at least 10,000,000.	9 9	· ·	I can relate common factors to finding equivalent fractions.
to 10,000,000. I can use negative numbers in context. I can round any number (up to 10,000,000) to the nearest 10, 100, 1,000, 10,000, 100,000 and 1,000,000. I can solve addition and subtraction number calculations that involve brackets. I can solve addition and subtraction problems with 3 or more steps. I can explain the methods I have used to solve problems. I can use estimation to check answers to calculations. I can use estimation to check answers to calculations. I can use the formal written method of short division to record my calculations and express them as fractions, decimals or by rounding. I can use the formal written method of short division to record my calculations to rapidly. I can use common multiples to express fractions in denomination. I can use common multiples to express fractions in denomination. I can use the formal written method of long multiplication to record my calculations. I can use the formal written method of long multiplication to record my calculations. I can use the formal written method of long multiplication to record my calculations. I can use the formal written method of long multiplication to record my calculations. I can use the formal written method of long multiplication to record my calculations. I can use the formal written method of long multiplication to record my calculations. I can use the formal written method of long multiplication to record my calculations. I can use the formal written method of long multiplication to record my calculations. I can use the formal written method of long multiplication to record my calculations. I can use the formal written method of long multiplication to record my calculations. I can use the formal written method of long multiplication to record my calculations. I can use the formal written method of long multiplication to record my calculations. I can use the formal written method of long multiplication to record my calculations. I can use the formal written method of long multiplication to record my calculations. I can use t					I can use common factors to simplify fractions.
operations. I can use estimation to check answers to calculations. I can multiply and divide by 10, 100 and 1,000, giving answers up to three decimal places. I can multiply one digit numbers with up to two decimal places by a whole number. I can divide numbers which have decimal answers. I can express missing number sentences using symble tetters to represent numbers. I can express missing number sentences using symble for ounded.	Year 6	determine the value of each digit. I can use negative numbers in context. I can round any number (up to 10,000,000) to the nearest 10,	I can solve number and practical problems involving place value to 10,000,000. I can solve addition and subtraction number calculations that involve brackets. I can solve addition and subtraction problems with 3 or more steps. I can explain the methods I have used to solve problems.	I can identify common factors and multiples. I can multiply multi-digit numbers (up to four digits) by a two digit whole number. I can use the formal written method of long multiplication to record my calculations. I can use known facts to rapidly solve multi-step mental calculations, including times table facts beyond 12x12. I can divide 4 digit numbers by a two digit number using a formal written method. I can interpret remainders from division calculations and express them as fractions, decimals or by rounding. I can use the formal written method of short division to record my calculations. I can solve multi-step problems which involve a mixture of operations. I can use estimation to check answers to calculations. I can multiply and divide by 10, 100 and 1,000, giving answers up to three decimal places. I can multiply one digit numbers with up to two decimal places by a whole number. I can solve problems which have decimal answers. I can solve problems which produce answers which need to be rounded.	I can use common multiples to express fractions in the same denomination. I can compare and order fractions (including those less than 1). I can add and subtract fractions with different denominators. I can multiply simple pairs of proper fractions, writing the answer in its simplest form. I can divide proper fractions by whole numbers. I can convert decimals into fractions and find fractions of amounts. I can recall equivalent fractions, decimals and percentages rapidly. I can solve problems involving ratio and proportion. I can calculate percentages of numbers and compare the answers. I can solve problems involving unequal sharing (e.g. 1/2 and 1/4 of the same amount). I can use symbols and letters to represent numbers. I can create linear number sequences and describe them using simple formulae. I can express missing number sentences using symbols and letters to represent numbers. I can solve missing number equations that have two or more

Maths Teacher Assessment

Number			Name	
	Numbers and the number system	Addition and subtraction	Multiplication and division	Fractions, decimals and percentages

Is an order and compare numbers to all least 1,000,000 and content the value of reach digit. Is an according forwards and lockwards in stage of powers of 10 production from any number up to 1,000,000. Is an instant of power to content the value of power to position for the power to					
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Tan count frowers and backwards in steps of powers of 100 count of trovers and backwards of powers of 100 count of trovers and backwards of trovers of the count of trovers and backwards of trovers and subtract a digit numbers (with a remutitiples of 1001,000) mortally and present and decides answers to colculations. Tan count for wards and backwards of trovers and trovers and trovers and backwards of trovers and backwards of trovers and subtract and regards to receive sole of 1001,000,000 to the reserve to 1000,000 to 1000,000. Tan read formal numbers of practices (part of 1,000,000) to the reserve to 1001,000,000 to the reserve to 1001,000,000 to the reserve to 1001,000,000 to 1000,000. Tan read formal numbers of practices (part of 1,000,000) to the reserve to 1001,000,000 to 1000,000. Tan read formal numbers of practices (part of 1,000,000) to the reserve to 1001,000,000 to 1000,000 to 1000,000. Tan read formal numbers of practices (part of 1,000,000) to 1000,000 to				I can identify common factors of two numbers.	
Lan interpret requires matters in context. Lan count revards and backwards with positive and regative which involves and didnin and subtraction problems with 2 or more steps. Lan count any number (up to 1,000,000) to the nearest 10, 100,100,1000,000 to 100,000) to 100,000. Lan recall prime numbers (up to 1,000,000) to 100,000) to 100,000. Lan recall prime numbers (up to 1,000,000) to 100,000) to 100,000. Lan recall prime numbers (up to 1,000,000) to 100,000) to 100,000. Lan recall prime numbers (up to 1,000,000) to 100,000) to 100,000. Lan recall prime numbers (up to 1,000,000) to 100,000) to 100,000. Lan recall prime numbers (up to 1,000,000) to 100,000) to 100,000. Lan recall prime numbers (up to 1,000,000) to 100,000) to 100,000. Lan recall prime numbers (up to 1,000,000) to 100,000) to 100,000. Lan recall prime numbers (up to 1,000,000) to 100		I can count forwards and backwards in steps of powers of 10	I can add and subtract 6 digit numbers (which are multiples of	numbers.	I can describe the rule of a number sequence, including those
to an sour fervents and backwards with positive and negative whole unarbors. I can round any number (up to 1,000,000) to the nearest 10, 100,100,1000,000 and 100,000. I can solve number and practical problems involving place value to 1,000,000. I can solve number and practical problems involving place value to 1,000,000. I can round any numbers (up to 1,000,000) and 10,000,000. I can round Roman numerals to 1,000 and recognise years written in Roman numerals. I can round any numbers by a cone or two digit numbers (by our digit numbers) (byound 12x12) mentions, or an arbitrary of the same number. I can round any numbers to 1,000 and recognise years written in Roman numerals. I can round any numbers by a cone or two digit numbers (byound 12x12) mentions, or an arbitrary of the same number. I can round any numbers by a cone or two digit numbers of the same number. I can round forman numerals to 1,000 and recognise years written in Roman numerals. I can round definition with decomplication scale. I can round and divide two digit numbers (byound 12x12) mentions, or an arbitrary of prounding, or an arbitrary of prounding, or an arbitrary of the same arbitrary of the same arbitrary of the same arbitrary of the same number. I can an use format of the further an unmber of a dorder for digit numbers by a cone of two digit numbers (byound 12x12) mentions. I can round liquid while formations with divide two digit numbers (byound 12x12) mentions, or an digital number are referance same number. I can divide two digit numbers by a cone digit number using a formation of the same arbitrary of the same a		I can interpret negative numbers in context.	I can use rounding to predict and check answers to calculations.		I can solve problems which involve scaling by simple fractions.
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				· ·	1 31
				I can use the equals sign to balance equations.	

Name

	Measures	Money	Time
	I can solve problems where I have to convert between units of measure.		
	I can convert between miles and kilometres.		
	I can investigate whether shapes with the same areas have the same perimeters.		
Year 6	I can use formulae to express the area of shapes, when it is appropriate.		
Yes	I can calculate the area of parallelograms and triangles.		
	I can estimate the volume of cubes and cuboids using cm³ and m³ when recording my answers.		
	I can calculate the volume of cubes and cuboids using cm³ and m³ when recording my answers.		
	I can convert between different units of measure.		I can solve problems that involve converting between units of time (e.g. days
	I can accurately measure lines to the nearest mm.		and weeks).
	I can compare different units of measurements, including imperial and metric units.		
	I can calculate the perimeter of rectangular shapes.		
Year 5	I can calculate and compare the area of rectangles.		
	I can estimate the area of irregular shapes.		
	I can use cm ² and m ² when recording the area of shapes.		
	I can estimate volume and capacity.		
	I can use all four operations to solve problems involving measure.		
	I can use all four operations to solve problems involving scaling.		
	I can use decimal notation when solving problems involving measures.		

Maths Teacher Assessment

Geometry and Statistics

Name

	Shape including angles	Position, direction and movement	Statistics
	I can draw 2D shapes using given dimensions and angles.	I can reflect shapes in horizontal and vertical axes.	
	I can describe and build 3D shapes using nets.	I can draw and translate simple shapes using co-ordinates.	
	I can compare and classify geometric shapes using their properties and sizes.	I can use co-ordinates in all four quadrants to describe the position of shapes.	
Year 6	I can calculate missing angles on a straight line or when they are opposite each other.		
₩	I can find missing angles in triangles, quadrilaterals and regular polygons.		
	I can name parts of a circle (including the radius, diameter and circumference).		
	I know that the diameter is twice the radius.		
	I can identify 3D shapes from 2D representations.	I know that there are 360° in a whole turn.	I can use information in a line graph to solve problems.
	I can identify regular and irregular polygons.	I can recognise angles on a straight line total 180°.	I can read timetables.
	I can use _to represent right angles.	I know that a 3/4 turn is 270°.	I can complete, read and interpret information in tables.
	I can find missing lengths and angles of rectangles.	I can use \\ to represent parallel lines.	
Year 5	I know that angles are measured in degrees and use ° when recording angles.	I can use diagonal, horizontal and vertical to describe lines.	
	I can estimate angles.	I can reflect shapes in lines parallel to the axes.	
	I can compare acute, obtuse and reflex angles.	I can translate shapes on a grid.	
	I can draw angles.	I can use positional vocabulary to describe positions on a grid.	
	I can measure angles using a protractor.		
	I can use number facts about angles to deduce the size of missing angles.		