Holy Trinity and S.Silas Maths Curriculum Overview													
						ear 5	<u> </u>						
0.5					Number: Numb	er and				.	David lines	Ducklass, a christer	
	ounting				ng place value		Reading a		-		Rounding	Problem solving	
Interpret negative Count numbers forwards or backwards in			numbers	Read, write, order and compare numbers to at least 1,000,000 and determine the value of each			order and to 10 compare to at reco		ead Roman numerals 1000 (M) and cognise years written		Round any number up to 1,000,000 to	Solve number problems and practical	
In context, count forwardssteps ofand backwards withpowers of 10positive and negativefor any given			en and rela	te them t	1,000,000 and Write determine the nume		o Roman numerals te dates in Roman nerals		the nearest 10, 100, 1000,10,000	problems that involve all of the above			
whole numbers, includingnumber up tothrough 01,000,000			to hundred equivale		value of each digit					and 100,000			
Number: Addition and Subtraction													
Mental Calculation	on	Writte	n Calculatior	1	Inverse, est	imating	g and checl	king a	inswers		Problem so	lving	
Add and subtract	Ad	d and subtra				g to check answers to calcul			culations	Solve ad	dition and subtract	ion multi-step	
numbers mentally			luding using f		e, in the	in the context of a problem, pro			problem	blems in contexts, deciding which			
with increasingly		en methods (column addition and levels of accuracy operations and methods to							use and why				
large numbers subtraction)													
Number: Multiplication and Division													
	Mental Calculation				Written Calculation					s of numbers			
Multiply and	Multiple					•	Establish		Know and use the vocabulary		Recognise and use		
divide numbers	divide v numbe		by up to 4 dig		4 digits by a one		whether a	. to		oulary square numbers and cube numbers		multiples and	
mentally, drawing upon known facts		nvolving	a 1 or 2-digit number using		number using th formal written me		number up 100 is prim		of prime	nrimo	and the notation fo	,	
		ils by 10,	formal writter		of short division		and recall	IE	numbers, prime factors and		squared (3 ²)and	all factor pairs of	
Count in multiples	100 an		method, inclu		interpret remain		prime num				cubed (4^3)	a number and	
of 11 and 12	100 arr		long multiplic for 2 digit nu	ation	appropriately fo		up to 19		prime) nu	•		common factors of 2 numbers	
						em solv	ving						
Solve problems inv using their knowled squares and cubes	lge of fac			combin	oroblems involving	g +, -, x cluding	and divide, and a Solv understanding the inclu		e problems, involving multipli uding scaling by simple fractio lving simple rates				
Number: Fractions and Decimals													
Recognising fractions	Comp	baring mals	Rounding	Rounding Equivalence									
Recognise and use thousandths and use them to	fraction denom	ire and order is whose inators are a	Read, v order a Il compa	write, nd re	decimals with equiv		fy, name and write alent fractions of a fraction,		a write decimal u numbers as a		use thousandths and relate them	Recognise the percentage symbol (%) sign and	
relate to tenths, hundredths and			ne numbe up to 3				sented visually, ding tenths and		fractio examp		,	understand that percent relates to	

decimal equivalents whole numbers		•	decimal places		whole number and to 1 decimal place		hundredths a percentage	s a	0.71=71/100) decimal equivale	nts	the 'number of parts per 100', and write percentages as a fraction with denominator 100, and as a decimal fraction	
Addition and subtraction Multiplication and Div					Division				Proble	m solving		Indottori	
Add and subtract fractions with the same denominator and denominators that are multiples of the same number		Recognise Fractions other and 1 as a mix	bgnise mixed numbers and improper tions and convert from one form to r and write mathematical statement a mixed number (for example, $2/5$ + $6/5 = 1$ $1/5$			to the ent >	Multiply prope and mixed nu whole numbe supported by and diagrams	mbers by rs, materials	Solve problems involving numbers up to 3 decima	Solve pro knowing equivale those fra	percent nts of ½ actions v	which require tages and decimal , ¼, 1/5, 2/5, 4/5 and vith a denominator of or 25	
Comparing and Measuring and calculating, including me							ney	Converting				Telling the time	
Estimating volume (for example, using 1cm ³ blocks to buil cuboids (including cubes) and capacit (for example using water)	g area of rec d squares), a using stan centimetre square me estimate th	using standard units, square		calculate the perimeter of compositeope prote mean examplerectilinearexample exampleshapes in centimetres and metresmore dect inclust		opera proble meas exam mass mone decim incluc	all four titions to solve ems involving ure (for ple, length, , volume, y) using nal notation, ling scaling	Convert bet different uni measure (fo kilometre ar centimetre a centimetre; g kilogram; litt millilitre	s of metric r example, d metre, nd n		mate es etric perial as	Solve problems involving converting between units of time	
							ometry						
Properties of shape Identifying Comparing and classifying Drawing and properties constructing						and						Position and direction Position direction and movement	
Identify 3D shapes, including cubes and other cuboids, from 2D representations	Distinguish between regular and irregular polygons based on reasoning about equal sides and angles		ectangle educe re acts and f nissing	operties of angles, and ctangle to measure the duce related in degrees cts and find ssing ngths and		d Iem	Know angles a measured in de estimate and c acute, obtuse a angles	egree; ompare	pare turn (total 360 degrees		Identify, describe and represent the position of a shape following a reflection or translation suing the appropriate language, and know that the shape has not changed.		
		- (St	atistics		D. 11				
Interpreting, constructing and representing data Complete, read and interpret information in tables, including timetables							Problem solving Solve comparison, sum and difference problems using information presented in a line graph						