Holy Trinity Catholic Academy - Maths				
Year 1 – Advent Term **By the end of the advent term, the children in Year 1 will be expected to…**			**Year 2 – Advent Term** **By the end of the advent term, the children in Year 2 will be expected to…**	
Advent Term 1	**Place Value -**		**Number – Number and Place Value**	
	(*NC: Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number*) - Count to 10, forwards and backwards, beginning with 0 or 1, or from any given number		Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward *Covered in Active Number throughout year*	
	(*NC: Identify and represent numbers using objects and pictorial representations*)		Recognise the place value of each digit in a two-digit number (tens, ones)	
	(*NC: Read and write numbers to 100 in numerals*) - Read and write numbers to 10 in numerals		Identify, represent and estimate numbers using different representations, including the number line	
	(*NC: Read and write numbers from 1 to 20 in numerals and words*) - Read and write numbers from 1 to 10 in numerals and words *Ongoing*		Compare and order numbers from 0 up to 100; use <, > and = signs	
	(*NC: Given a number, identify one more and one less*) *Ongoing*		Read and write numbers to at least 100 in numerals and in words	
			Use place value and number facts to solve problems	
	Number – Addition and Subtraction		**Number – Addition/Subtraction**	
	(*NC: Read, write and interpret mathematical statements involving addition (+), subtraction (-), and equals (=) signs. *Ongoing**		Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: - A two-digit number and ones - A two-digit number and tens	

			• Adding three one-digit numbers	
Advent Term 2	(NC: Represent and use number bonds and related subtraction facts within 20) - Represent and use number bonds and related subtraction facts within 10 *Ongoing*		• Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 ○ *Ongoing through Active Number*	
	(NC: Add and subtract one-digit and two-digit numbers to 20, including zero) - Add and subtract one-digit and two-digit numbers to 10, including zero *Ongoing*			
	(NC: Solve one-step problems that involve addition and subtract, using concrete objects and pictorial representations, and missing number problems, such as 7 = __ - 9) *Ongoing*			
	Geometry: 2-D Shapes and 3-D Shapes		**Number – Multiplication and Division**	
	(NC: Recognise and name common 2-D shapes (for example, rectangles (including squares), circles and triangles)		Recall and use multiplication and facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers *Ongoing*	
	(NC: Recognise and name common 3-D shapes (for example, cuboids (including cubes), pyramids and spheres)		Calculate mathematical statements for multiplication within the multiplication tables and write them using the multiplication (×), and equals (=) signs *Ongoing into next term*	
	Place Value			
	(NC: Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number) Count to 20, forwards and backwards, beginning with 0 or 1, or from any given number			

	(NC: Read and write numbers from 1 to 20 in numerals and words) - Read and write numbers from 1 to 20 in numerals and words *Ongoing*		
	(NC: Read and write numbers to 100 in numerals) Read and write numbers to 20 in numerals		
Lent Term 1	**Year 1 – Lent Term** **By the end of the Lent term, the children in Year 1 will be expected to…**		**Year 2 – Lent Term** **By the end of the Lent term, the children in Year 2 will be expected to…**
	Number – Addition and Subtraction		**Number – Multiplication and Division**
	(NC: Represent and use number bonds and related subtraction facts within 20) - Represent and use number bonds and related subtraction facts within 20 *Ongoing*		Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers *Ongoing*
	(NC: Add and subtract one-digit and two-digit numbers to 20, including zero) Add and subtract one-digit and two-digit numbers to 20, including zero *Ongoing*		Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs
			Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot
	Place Value		
	(NC: Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number)		

	Count to 50, forwards and backwards, beginning with 0 or 1, or from any given number			
	(*NC: Read and write numbers to 100 in numerals*) Read and write numbers to 50 in numerals			
	Measurement – Length and Height		**Geometry – Properties of Shape**	
Lent Term 2 **(Fractions Split across Lent 1 and 2)**	(*NC: Compare, describe and solve practical problems for: Lengths and heights [for example, long/short, longer/shorter, tall/short, double/half]*)		Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line	
	(*NC: Measure and begin to record the following: Lengths and heights*)		Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces	
			Identify 2-D shapes on the surface of 3-D shapes [for example, a circle on a cylinder and a triangle on a pyramid]	
			Compare and sort common 2-D and 3-D shapes and everyday objects.	
	Measurement: Weight and Volume		**Number – Addition and Subtraction**	
	(*NC: Compare, describe and solve practical problems for: Mass/Weight [for examples, full/empty, more than, less than, half, half full, quarter]*)		Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: - Two two-digit numbers	
	(*NC: Measure and begin to record the following: Mass/Weight, Capacity and Volumes*)		Solve problems with addition and subtraction:	

		• Using concrete objects and pictorial representations, including those involving numbers, quantities and measures • Applying their increasing knowledge of mental and written methods	
		Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.	
		Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot	

	Year 1 – Pentecost Term **By the end of the Pentecost term, the children in Year 1 will be expected to…**		**Year 2 – Pentecost Term** **By the end of the Pentecost term, the children in Year 2 will be expected to…**	
	Multiplication and Division		**Measurement - Money**	
Pentecost Term 1	(*NC: Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representation and arrays with the support of the teacher*)		Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value	
	(*NC: Count in multiples of twos, fives and tens*)		Find different combinations of coins that equal the same amounts of money	
			Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change	
	Fractions		**Number - Fractions**	
	(*NC: Recognise, find and name a half as one of the two equal parts of an object, shape or quantity*)		Recognise, find, name and write fractions 1/3 , 1/4, 2/4 and 3/4 of a length, shape, set of objects or quantity	
	(*NC: Recognise, find and name a quarter as one of the four equal parts of an object, shape or quantity*)		Write simple fractions for example, ½ of 6 = 3 and recognise the equivalence of 2/4 and 1/2 .	

	Geometry: Position and Direction		Measurement – Time	
Pentecost Term 2	(*NC: Describe position, direction and movement, including whole, half, quarter and three-quarter turns*)		Compare and sequence intervals of time	
			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	
			Know the number of minutes in an hour and the number of hours in a day.	
	Place Value		**Geometry: Position and Direction**	
	(*NC: Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number*) Count to 100, forwards and backwards, beginning with 0 or 1, or from any given number		Order and arrange combinations of mathematical objects in patterns and sequences	
	(*NC: Identify and represent numbers using objects and pictorial representations*)		Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anticlockwise).	
	(*NC: Read and write numbers to 100 in numerals*) Read and write numbers to 100 in numerals			
	Measurement: Money		**Number – Multiplication and Division**	
	(*NC: Recognise and know the value of different denominations of coins and notes*)		Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.	
	Measurement: Time		**Measurement – Capacity, Volume and Mass**	

	(NC: Measure and begin to record the following: Time [Hours, minutes and seconds])		Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels	
	(NC: Compare, describe and solve practical problems for: Time [for example, quicker, slower, earlier, later])		compare and order lengths, mass, volume/capacity and record the results using >, < and =	
	(NC: Sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening])		**Statistics**	
	(NC: Recognise and use language relating to dates, including days of the week, weeks, months and years)		Interpret and construct simple pictograms, tally charts, block diagrams and simple tables	
	(NC: Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times)		Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity	
			Ask and answer questions about totalling and comparing categorical data	