

## The Cathedral School of St Mary - Medium Term Plan

[illegible]

<b>Maths Y5</b>	<b>Properties of shapes</b>  Understand and use degrees  Measure acute angles  Measure angles up to 180 degrees  Draw lines and angles accurately	<b>Properties of shapes</b>  Calculate angles around a point  Calculate angles on a straight line  Lengths and angles in shapes  Regular and irregular polygons  Parallel lines	<b>Properties of shapes</b>  Perpendicular lines  Investigate lines  3D shapes  End of unit check  Unit starter	<b>Geometry – position and direction</b>  Read and plot coordinates  Problem solving with coordinates  Translate shapes  Reflection  Reflection in horizontal and vertical lines	<b>Geometry – position and direction</b>  End of unit check  Unit starter  Add and subtract decimals within 1 (1)  Add and subtract decimals within 1 (2)  Complements to 1	<b>Decimals</b>  Add and subtract decimals across 1  Add decimals with the same number of decimal places  Subtract decimals with the same number of decimal places  Add decimals with a different number of decimal places.  Subtract decimals with a different number of decimal places.	<b>Decimals</b>  Problem solving with decimals (1)  Problem solving with decimals (2)  Decimal sequences  Multiply by 10  Multiply by 10, 100 and 1000	<b>Decimals</b>  Divide by 10  Divide by 10, 100 and 1000
<b>Maths Y6</b>	<b>Algebra</b>  Formulae  Form and solve equations  Solve one-step equations  Solve two-step equations	<b>Algebra</b>  Find pairs of values  Solve problems with two unknowns  End of unit check  Shapes – same area  Area and perimeter – missing lengths	<b>Measure – perimeter, area and volume</b>  Area of a triangle – counting squares  Problem solving – area  Problem solving – perimeter  Volume – count cubes  Volume of a cuboid	<b>Geometry – properties of shapes</b>  End of unit check  Measure and classify angles  Vertically opposite angles  Angles in a triangle  Angles in a triangle – missing angles	<b>Geometry – properties of shapes</b>  Angles in a triangle – special cases  Angles in quadrilaterals  Angles in polygons  Circles  Parts of a circle  Draw shapes	<b>Geometry – properties of shapes</b>  Nets of 3D shapes  Nets of 3D shapes  End of unit check  The first quadrant  Read and plot points in four quadrants	<b>Geometry – position and direction</b>  Reflections  Solves problems with coordinates  End of unit check  Problem solving – place value  Problem solving – negative numbers	<b>Problem solving</b>  Problem solving – addition and subtraction  Problem solving – four operations

					accurately			
Science	Animals including humans  I can explore the key stages of foetal development in humans.	Animals including humans  I can create a line graph showing the growth of a foetus.	Animals including humans  I can create a line graph showing the growth of a baby through infancy.	Animals including humans  I can create an oral presentation of the growth of a baby through infancy milestones.	Animals including humans  I can compare the changes that take place during puberty	Animals including humans  I can show how humans change in old age	Animals including humans  I can describe how humans change from babies through to old age	Animals including humans  Assessment
RE (Year 5)	Reconciliation - Inter-Relating	Reconciliation - Inter-Relating	Islam	Universal Church - global	Universal Church - global	Universal Church - global	Universal Church - global	
History/Geography	Where does our energy come from?  Assessment	Where does our energy come from?  I know why energy sources are important.	Where does our energy come from?  I can explain what renewable energy is.	Where does our energy come from?  I can describe how the United States produces its energy.	Where does our energy come from?  I can describe how the UK produces its energy.	Where does our energy come from?  I can plan and explain the best location for solar panels.	Where does our energy come from?  I can plan and explain the best location for solar panels.	Where does our energy come from?  I can explore how environmental issues are being addressed
Art	Taught in Autumn 1, Spring 1 & Summer 1							
Design & Technology		Cooking and nutrition: Come Dine with Me  Complementary flavours	Cooking and nutrition: Come Dine with Me  Three ingredients; three courses	Cooking and nutrition: Come Dine with Me  Ingredients and skills	Cooking and nutrition: Come Dine with Me  To start...	Cooking and nutrition: Come Dine with Me  The main course	Cooking and nutrition: Come Dine with Me  Dessert	
Computing	Taught in Autumn 1, Spring 1 & Summer 1							
Music		Sing	Sing	Sing	Sing	Sing	Sing	
PE - Y5	Athletics  How to control my running over middle distance	Athletics  To get sideways on when throwing	Athletics  How to throw a shot using 'clean palm, dirty neck' technique	Athletics  To know the same, different, both' for triple jump.	Athletics  To know my take off foot and lead leg.	Athletics  To know how to position myself to receive a baton.	Athletics  Games	

PE – Y5	Dodgeball  To aim low to get an opponent out	Dodgeball  To know that by moving around I make myself more difficult to hit.	Dodgeball  To know that if I drop an attempted catch I am out.	Dodgeball  To know that I need to work as part of a team.	Dodgeball  To know the agreed rules of the game and I can officiate if asked.	Dodgeball  To know who to target on the opposition and what tactics might be best deployed.	Dodgeball  Matches	
MFL (Spani sh)		Simple sentences  Simple present tense	Simple sentences  Body parts	Simple sentences  Colours and clothes	Simple sentences  Places	Simple sentences  Simple present tense	Simple sentences  Body parts	
PSHE (Y5) (Ten Ten)	Girls Bodies and Boys Bodies	Making babies pt1	Making babies pt2	Menstruation	Hope beyond death			