



ST. JOHN BOSCO RC PRIMARY SCHOOL

Long Term Plan		Problem Solving and Reasoning Rich Tasks				Year Group:	5
	Autumn Term		Spring Term		Summer Term		
	1st Half	2nd Half	1st Half	2nd Half	1st Half	2nd Half	
Number and Place Value <ul style="list-style-type: none"> ▪ Swimming Pool ▪ Tug Harder! ▪ Sea Level ▪ Spaces Distances ▪ Roman Numerals 				Decimals and percentages <ul style="list-style-type: none"> • Swimming Pool • Tug Harder! • Sea Level • Spaces Distances • Roman Numerals 	Decimals <ul style="list-style-type: none"> • Swimming Pool • Tug Harder! • Sea Level • Spaces Distances • Roman Numerals 		
Addition and Subtraction <ul style="list-style-type: none"> ▪ Maze 100 ▪ Twenty Divided into Six ▪ Reach 100 ▪ Six Ten Total ▪ Six Numbered Cubes ▪ Subtraction Surprise 	Addition and Subtraction <ul style="list-style-type: none"> ▪ Maze 100 ▪ Twenty Divided into Six ▪ Reach 100 ▪ Six Ten Total ▪ Six Numbered Cubes ▪ Subtraction Surprise 	Multiplication and Division <ul style="list-style-type: none"> • Picture Your Method • Compare the calculations • All the Digits • Trebling • Division Rules • Pebbles • Sweets in a Box • Abundant Numbers • Flashing Lights • Multiplication Squares • Square Subtraction • Cubes Within Cubes • Odd Squares • Curious Number • Division Rules • Highest and Lowest • Make 100 	Multiplication and Division <ul style="list-style-type: none"> • Which is Quicker • Factors and Multiples • Game • Three Dice • Factor Track • Two Primes Make One Square • One Wasn't Square • Cycling Squares • Up and Down Staircases • Picture a Pyramid Fractions <ul style="list-style-type: none"> • Round the Dice • Decimals 2 • Tumbling Down 	Number: Fractions <ul style="list-style-type: none"> • Forgot the Numbers • Route Products • Matching Fractions • Decimals and Percentages 			

		<ul style="list-style-type: none"> • Four Goodness Sake • Multiply Multiples 1 & 2 & 3 	<ul style="list-style-type: none"> • Linked Chains • A4 Fractions Addition • A4 Fractions Subtraction 			
Geometry Measurement Statistics					Geometry: Properties of shape <ul style="list-style-type: none"> ▪ Guess What? ▪ How Safe Are You? ▪ Six Places to Visit ▪ The Numbers Give the Design ▪ Olympic Turns ▪ Bracelets 	Geometry: Position and Direction <ul style="list-style-type: none"> • Egyptian Rope • Estimating Angles • Making Rectangles • Transformations on a Pegboard • More Transformations on a Pegboard