Mathematics

			IMMACULATE CONCEPTION HIGH SCHOOL DEPARTMENT OF MATHEMATICS SUMMER TERM PLAN 2020		
GRADE: 8 **Bogle, Lynch, Abdullah** **TERM : 3**			**TERM WEIGHTING:** Test – 60% Course work - 40%	**Description: 3 Tests** **3 Course work**	
WEEK	**DATE**	**TOPIC**	**OBJECTIVE :** Students should be able to :		**ASS'T. TYPE**
1	April 22 - 24, 2020	1. **Equations and Inequations**	1. Use inequalities to solve worded problems		
2	April 27 – May 1, 2020	2. **Number Bases**	Do all questions to be tested on **Linear Equation & Inequalities in one Variable** 1. Explain what is meant by number bases 2. Give the names for particular number systems 3. Identify the digits used in different systems 4. State the place value of a digit in a numeral in any base		Quiz

3	May 4 – 8, 2020		5. Convert numbers written in base 2, 3 and 5 to base 10 and vice versa. 6. Add, subtract and multiply numbers written in base 2,3 and 5 7. Apply number bases to real life situations	
4	May 11 – 15, 2020	**(Solids)** **3. Ratio and Proportion**	Do all questions to be tested on **Number Bases** **Distribution and Discussion of Solids Project** 1. Compare two quantities using ratio 2. Express ratio in the form a to b or a : b or $\frac{a}{b}$ 3. Reduce a given ratio to its simplest form. 4. Write a ratio equivalent to a given ratio.	**Test**
5	May 18 – 22, 2020		5. Calculate the missing quantity, given two equivalent ratios. 6. Find the ratio of two quantities measured in different units. 7. Use ratios to solve problems in sharing.	
6	May 25 – 26, 2020 Mid-Term Break May 28 – 29, 2020		8. Solve equation involving simple ratio 9. Solve problems involving direct or inverse proportions	

4	June 1 – 5, 2020		10. Use map ratio to calculate the actual distance between two places given their distance apart on a map. Do all questions on Quiz Do all questions to be tested on **Ratio and Proportion**	**Quiz** **Test**
5	June 8 – 12, 2020	**4. Solids**	1. Online presentation of Solids Project 2. Submission of project 3. Distribution of solids review sheet Solids Review	**Project**
8	June 15 – June 19, 2020	**Pythagoras' Theorem**	Solids Test 1. Use pythagoras' theorem to calculate the unknown lengths of sides of right-angled triangles 2. Use pythagoras' theorem to prove whether a triangle is right-angled.	**Test**