



Math 8



Steinbach Christian High School 2011-2012

Teacher: Mr. Frank Chan

Textbook: MathLinks 8

Course Description: This course will help you to build upon the math skills learnt in previous years. The intention of this course is to provide you with mathematical wisdom that will help you with day to day living. This will be done through:

- Communication
- Making connections
- Reasoning
- Visualization
- Technology
- Mental Math/Estimating
- Problem Solving

Course Content: Middle Years mathematics contains four main areas. These are:

1. Patterns & Relations
2. Statistics & Probability
3. Shape & Space
4. Numbers

Mathematics is an important life skill. Therefore, whenever possible, your work will be related to real life situations. You will learn through group work, textbook, and other exercises. Your skills and abilities in each area will improve through various activities and exercises such as:

- Patterns
- Place Value
- Rounding
- Exponents
- Scientific Notation
- Factoring
- Percents
- Decimals
- Fractions
- Power of Ten
- Integers
- Ratio/Rate
- Perimeter
- Geometry
- Measurement
- Transformations
- Graphing
- Surveys

Term Marks:

Mental Math	10%
Homework Check	10%
Quizzes	15%
Tests/Projects	25%
Assignments/Class Work	40%
Total	100%

Final Mark:

Exempted (grade over 80% up to final exam)	Not Exempted (grade under 80% up to final exam)
80% Cumulative term mark 20% Mid-term exam	60% Cumulative term mark 15% Mid-term exam 25% Final Exam