

MATHEMATICS

Grade 7 and 8

Instructor: Sr. Theresa Mai, OP ~ t.mai@sjsbaytown.org ~ sr-mai.weebly.com

Text: Mathematics Course 3 (Bennett, Burger, Chard, Jackson, Kennedy, Renfro, Scheer, Waits, Orlando, FL: Holt, Rinehart and Winston, 2007. Texas Edition.)

Course Objectives:

Students will become familiar with applying algebraic reasoning and rational numbers in expressing data and measurements. They will also learn to solve multi-step functions and arithmetic operations on polynomials.

Supplies:

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| 1. Pens: black, blue, and red | 4. Zipped Binder |
| 2. Pencil and eraser | 5. Graphing Calculator – TI-84 plus Silver Edition |
| 3. 2 Composition Notebooks | 6. Loose papers |

Grading System:

- 25% Homework
- 35% Quizzes, Class-work
- 40% Tests (Projects: double testsgrade.)

Scope and Sequence:

1st Term Aug. 14 – Oct. 17, 2017	Focus 1 <i>Algebraic Reasoning</i> Focus 2 <i>Apply Rational Numbers</i> Focus 3 <i>Proportional Relationships and Percents</i>
2nd Term Oct. 18 – Jan. 10, 2018	Focus 4 <i>Pattern and Functions</i> Focus 5 <i>Linear Function</i> Focus 6 <i>Quadratic Function</i>

3rd Term Jan. 11 – Mar. 23, 2018	Focus 7 <i>Solving Multi-step Equations</i> Focus 8 <i>Solving Multi-step Inequalities</i> Focus 9 <i>Solving Systems of Linear Equations</i>
4th Term Mar. 26 – May 31, 2018	Focus 10 <i>Circles and Irregular Measurements</i> Focus 11 <i>Computing Polynomials</i>