

# MATHEMATICS

## Grade 6

**Instructor:** Sr. Theresa Mai, OP ~ [t.mai@sjsbaytown.org](mailto:t.mai@sjsbaytown.org) ~ sr-mai.weebly.com

**Text:** Mathematics Course 1 (Bennett, Burger, Chard, Jackson, Kennedy, Renfro, Scheer, Waits, Orlando,FL: Holt, Rinehart and Winston, 2007. Texas Edition.)

**Course Objectives:**

Students will become familiar with computations with whole numbers, decimal, and fractions in expressing data and measurements. They will also be introduced to think algebraically with functions in general and especially solving linear functions.

**Supplies:**

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|-------------------------------|------------------|
| 1. Pens: black, blue, and red | 4. Zipped Binder |
| 2. Pencil and eraser          | 5. Loose papers  |
| 3. 2 Composition Notebooks    |                  |

**Grading System:**

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

**Scope and Sequence:**

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| <b>1st Term</b><br>Aug. 14 – Oct. 17, 2017 | <b>Focus 1</b><br><i>Whole Numbers and Patterns</i><br><br><b>Focus 2</b><br><i>Equations</i><br><br><b>Focus 3</b><br><i>Decimals</i>             |
| <b>2nd Term</b><br>Oct. 18 – Jan. 10, 2018 | <b>Focus 4</b><br><i>Exploring Fractions</i><br><br><b>Focus 5</b><br><i>Computing Fractions</i><br><br><b>Focus 6</b><br><i>Representing Data</i> |

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| <b>3rd Term</b><br>Jan. 11 – Mar. 23, 2018 | <b>Focus 7</b><br><i>Proportional Relationship</i><br><br><b>Focus 8</b><br><i>Geometric Relationship</i><br><br><b>Focus 9</b><br><i>Units of Measurements</i> |
| <b>4th Term</b><br>Mar. 26 – May 31, 2018  | <b>Focus 10</b><br><i>Areas and Volumes</i><br><br><b>Focus 11</b><br><i>Probability</i><br><br><b>Focus 2</b><br><i>Functions</i>                              |