

Saint Jude Catholic School

Math Syllabus

Grade 6

Textbook: *Mathematics, Applications and Connections: Course 2*
Glencoe, McGraw – Hill, ISBN # 0-02-833051-X

Workbook: *Study Guide and Practice* - ISBN # 0-02-833124-9

Course Content:

Grade 6 mathematics allows students to deepen their understanding of math. They will apply problem solving strategies to real world situations. They will develop a deeper understanding of statistics, geometry and probability.

Course Standard Outline:

- Problem solving, Algebra and Geometry
- Applying Decimals
- Statistics: Applying data
- Using numbers in patterns, fractions and percents
- Algebra : Using integers
- Algebra: Exploring equations and functions
- Applying fractions
- Using proportions
- Geometry- area- volume and surface area
- Percents
- Probability
- Standardized test preparations

Assignments:

Homework or classwork will be assigned daily with very few exceptions. Students are expected to write down assignments in their planners. Homework is to be done in pencil; any homework done in pen will receive 0%. Grading for homework is 100% for full completion, 50% for half done and 0% for not doing it.

Grading:

The class will be graded on a percentage system as follows:

- Tests - 40%
- Quizzes – 30%
- Homework - 15%
- Class Participation - 15%

Chapter Tests:

There is usually a mid-chapter and an end of chapter test. There will be a full chapter review before each test. There will also be a Mid-Term Exam and a Final Exam at the end of the year.

Procedures:

- All math work (class and home) must be completed in pencil
- Homework is due next day at the beginning of the period
- All homework must have MLA heading except for workbook pages
- Students must show all work
- Neatness enhances accuracy - strive to be as neat as possible

Supplies: The following is a list of supplies needed throughout the year:

- Sturdy 3-ring binder with loose leaf paper (for note taking, class work, and homework)
- Supply of loose leaf and graph paper (there will be assignments in class)
- Pencils (sharpened) and erasers
- Pencil sharpener (hand held with shaving container)
- Scientific Calculator (NOT a graphing Calculator) .. (Will be used at specific times during the year....very limited use)
- Colored pencils/crayons/markers for occasional assignments

Class Behavior and participation:

- Students are expected to arrive to class ready to work, with homework, binder and pencils
- Students are expected to actively participate in class
- Students are expected to be polite towards the teacher and each other AT ALL TIMES
- If a student misbehaves he/she will receive a "silent lunch"
- If student questions or does not provide his/her tracking card when asked to do so, it will be an automatic second silent lunch