# Junior High Math Syllabus 

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## Materials:

Pencil
Comp Book
Binder with loose leaf paper
Textbook

## Course Description:

These courses are designed to meet the Archdiocesan Math Standards for grades 7-8

## Numeration/Number Sense

Integers, real numbers, irrational numbers, rational numbers, absolute values, ratios, proportions, percents, powers, square roots, properties

## Computation/Estimation

Order of operations, fractions, problem solving techniques

## Measurement and Data

Quantities involving capacity, weight/mass in standard and metric units, solve problems using rates

## Geometry/Spatial Concepts

Two-dimensional figures, plane figures, perimeter, circumference, surface area, area, volume

## Data Analysis, Probability, Statistical Concepts

Graphical representations, samples, populations, probability

## Algebraic Concepts

Expressions, equations, inequalities, graphing on a one and two dimensional coordinate plane, solving one and two step equations involving variables

## Assignments:

Homework is an important part in learning and mastering math concepts. Daily assignments will given to aid in this process. A student's quarterly grade will be determined by dividing the student's total points earned by the total possible points for that quarter. Daily assignments will be worth $5-10$ points, quizzes will be worth $20-30$ points and tests will be worth 40-60 points.

## Grading Scale:

| $98-100$ | A+ | $92-91$ | B+ | $85-84$ | C+ | $77-76$ | D+ | $69-0$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $97-95$ | A | $90-88$ | B | $83-80$ | C | $75-73$ | D |  |
| $94-93$ | A- | $87-86$ | B- | $79-78$ | C- | $72-70$ | D- |  |

## Late Work:

Assignments not completed on time will be considered late. Students may turn in an incomplete assignment to be graded as is or turn in the assignment late. Late assignments will receive a maximum score of $80 \%$.

## Test Retakes:

Student may retake a test or quiz for a score of $80 \%$ or below. Retakes must be done outside of regular class hours and the student must obtain and fill out a Retest Request form. Retakes must be completed no later than one week after the initial test was returned to the student. Retests will cover the same material but the test will be more challenging than the initial test.

