

Math Class - 6th grade

Instructor: Mr. Sheehan

Welcome to the 2011-2012 school year. I mean business. I am looking forward to the school year with you. Every student is capable of succeeding in my classroom.

When you enter Room 10 prepare yourself and your materials for the upcoming class:

- Pencil --- sharpened and at the ready
- Desk --- free of distractions, tidy, and presenting appropriate materials
- Attire --- in line with the dress code and promoting academic excellence
- Problem of the day --- begun when finished with the above steps

Expectations

The following describe what is expected of you in 6th grade Math:

- **Show your work.** Doing so will help you learn.
- **Try.** Give your best guess or attempt.
- **Academic integrity.** This classroom is centered on trust. Maintain it.
- **Complete your work.** Hand it in on time.
- **Organization.** Keep your binder neat and write legibly.
- **Attentiveness.** Students who pay attention never get bored.
- **Actions.** Make sure they contribute to a positive learning environment.
- **Pencil.** Not pen. Sharpen it before and not during class.
- **Help.** Seek it from me whenever you need it. I make time for my students.
- **Take pride in your work.** Use God's gifts to create satisfying products.
- **Model saintly and scholarly behavior for other students.** Be a leader.

Grading

The following describe what your grade will be based on in 6th grade Math:

• Quizzes (take-home and in-class)	20%
• Tests	25%
• Homework (100% = no missing assignments)	25%
• Participation	15%
• Group work/Projects	10%
• Quarterly binder evaluations	5%

Objectives

The following describe the areas of study we will focus on in 6th grade Math:

- **Multiplication and division review**
- **Number skills:** rounding, square roots order of operations, properties, comparing, percents Roman numerals and integers
- **Graphing:** line, double line, bar, double bar, histogram, pictograph and circle
- **Decimals:** adding, subtracting, multiplying and dividing decimals
- **Fraction skills:** multiples, factors, LCM, GCF, simplest form and mixed numbers
- **Fractions:** adding, subtracting, multiplying and dividing fractions and mixed numbers
- **Algebra:** variables expression, solving expressions, solving one-step equations
- **Mixed skills:** geometry vocabulary review, perimeter, area, volume, converting decimals, fractions and percents, simple integers and basic percents