St. John Vianney Catholic School

8th Grade Math – Mrs. Williams

2013-2014 Syllabus

**Textbook: Pearson, Connected Mathematics 3 (CMP3), 8th Grade**

Welcome to the 2013-14 school year at St. John Vianney! In 8th grade, students are expected to develop and build their mathematical skills. They will apply their knowledge and skills in all aspects of math including: 1 ) Linear and Inverse Variation; 2) The Pythagorean Theorem; 3) Exponential Functions; 4) Quadratic Functions; 5) Symmetry and Transformations; 6) Making Sense of Symbols; 7) Systems of Linear Equations and Inequalities; and 8) The Families of Functions. I have high expectations for all students to accept the challenging work with a positive attitude and commitment to always give their best effort.

All instructions are aligned with the Diocese of Phoenix standards and the State of Arizona common core standards.

**Content Standards:**

1. The Number System;
2. Expressions and Equations;
3. Functions;
4. Geometry; and
5. Statistics and Probability.

**Assessments and Grading:**

Grading Scale:

|  |  |  |
| --- | --- | --- |
| **Diocese of Phoenix**  **Grading Scale** | | |
| **Grade** | **HIGH** | **LOW** |
| A | 100 | 94 |
| B | 93 | 85 |
| C | 84 | 75 |
| D | 74 | 65 |
| F | 64 | Below |

1. Tests/Projects – 35%
2. Classwork – 25%
3. Homework – 15%
4. Quizzes – 15%
5. Participation – 10%

**Classroom Rules:**

1. Students will maintain a positive attitude at all times by demonstrating good character and respect toward others, including all students and staff.
2. Students must be seated and ready for class to begin upon arrival.
3. Students will be dismissed by the teacher.
4. Students must rid the classroom of all trash and debris prior to dismissal.

**Teacher Contact:** jwilliams@sjvaz.net