Course Description
Grade 6 Math

Philosophy Statement: We believe the laws of mathematics are not arbitrary creations of man, but an absolute creation of God (Colossians 1:16-17). While gaining mathematical knowledge and developing essential life skills, students will recognize that God is a God of order and infinite wisdom.

Course Objective: The students will receive instruction in and demonstrate the ability to perform basic mathematical functions and problem solving in the areas of addition, subtraction, multiplication, and division of whole numbers, decimals, fractions, ratio and proportion, pre-algebra, and geometry.

Textbook: Course 1
                    Prentice Hall
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Materials:
- Textbook
- Manipulatives
- Calculators
- Interactive CD-ROM

Time Allotment: 40 minutes per day, 5 days per week

Course Content:
- Statistics: reading and comparing whole numbers
- Algebra: expressing numbers in different ways
- Decimals
- Measurement
- Prime and Composite numbers, fractions and decimals
- Adding, Subtracting, Multiplying and Dividing Fractions
- Geometry: classify lines, angles, triangles, quadrilaterals and polygons
- Integers
- Ratio, Proportion and Percent
- Measurement: classify surface area and volume
- Probability

Areas to be evaluated:
- Class participation
- Homework assignments
- Tests
- Quizzes
- Group projects
- Graphing project
- Review games and activities

Additional Activities: None