

Course Description

Grade 5 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 be instructed and given practice in basic mathematical operations and problem-solving strategies in the areas of addition, subtraction, multiplication, and division of whole numbers, decimals, fractions, ration and proportion, and geometry.

Textbook: Math 5
Pearson enVision, Copyright 2011

Materials:

- Student Textbook & homework book
- Problem of the Day
- CD / DVD support
- Practice and Enrichment Worksheets
- Manipulative materials
- Calculators
- Assessment Sourcebook

Time Allotment: 45 minutes per day, 5 days per week

Course Content:

- Data, Graphs, and Facts Review
- Whole Numbers and Decimals: Place Value, Adding, and Subtracting
- Multiplying Whole Numbers and Decimals
- Dividing Whole Numbers and Decimals – 1-Digit Divisors, 2-Digit Divisors
- Geometry – angles, polygons, length, perimeter, area
- Fractions – mixed numbers, adding, subtracting, multiplying, dividing
- Measurement
- Ratio, Percent, Probability

Areas to be evaluated:

- Class participation
- Homework assignments
- Tests
- Quizzes

Additional activities:

- Review games and activities
- Mental and Maintenance math
- Math “Problem Solving” Day