

**COURSE DESCRIPTION**  
**FIFTH GRADE**  
**MATH**

**Philosophy Statement:** Mathematics displays the truth, precision and order of God's creation. Through the study of the intricacies of mathematics, we can better understand the vastness, reality, and order of the physical universe.

**Objectives:** Students will build understanding of fundamental math concepts, practice real-life problem solving situations and demonstrate reasoning skills.

**Textbook:** *California Mathematics: Concepts, Skills, and Problem Solving*  
(Macmillan McGraw-Hill)

**Materials:** Student Textbook

**Time Allotment:** 60 minutes per day, 5 days per week

**Course Content:**

- Chapter 1: Number Sense, Algebra, and Functions
- Chapter 2: Statistics and Data Analysis
- Chapter 3: Adding and Subtracting Decimals
- Chapter 4: Fractions and Decimals
- Chapter 5: Adding and Subtracting Fractions
- Chapter 6: Multiplying and Dividing Decimals and Fractions
- Chapter 7: Algebra: Integers and Equations
- Chapter 8: Algebra: Ratios and Functions
- Chapter 9: Percent
- Chapter 10: Geometry: Angles and Polygons
- Chapter 11: Measurement: Perimeter, Area, and Volume

**Areas to be Evaluated:**

- Class Participation
- Classwork
- Homework
- Tests and Quizzes
- Projects
- Real life application and recognition

**Additional Activities:** Singapore Math Model Drawing (problem solving strategies)