

GRACE COMMUNITY SCHOOL
Curriculum Development
COURSE DESCRIPTION

Course: Mathematics

Grade: First

Philosophy Statement: God the Creator ordained His universe to be governed by specific and inviolate natural laws. Mathematics, the study and science of patterns, allows mankind to examine these laws and thereby better understand the world in which we live. We also use these laws – accurate reflections of God’s orderly, precise, generous, and wise character – to conduct our lives and affairs efficiently and equitably by counting, marking time, and exchanging goods and services, all with numbers. We will purpose to teach mathematics for the purpose of prompting children’s naturally inquisitive minds to discover the patterns and principles of arithmetic, geometry, algebra, and calculus, so that they will recognize and appreciate the divinely established patterns and principles in the world around them, and offer God His deserved glory as they apply mathematics to each area of their lives.

Course Objective: The student will be demonstrate a knowledge of the concept of ones and tens in the place value system, add and subtract, measure with simple units, and describe, analyze and solve simple Mathematics problems.

Textbook: “Mathematics” Houghton Mifflin (California Edition).

Materials:

- Student workbooks.
- Practice sheets.
- Re-teaching sheets.
- Enrichment sheets.
- Hands on manipulatives.
- Overhead Transparencies.

Time Allotment: Seventy-five minutes per day, five days per week.

Course Content:

- Unit One: Addition.
- Unit Two: Subtraction.
- Unit Three: Data and graphing.
- Unit Four: Number patterns and skip counting.
- Unit Five: Coin values.
- Unit Six: Plane and solid shapes.
- Unit Seven: Fractions.
- Unit Eight: Measurement.
- Unit Nine: Clock and calendar.
- Unit Ten: Two digit addition and subtraction.

Areas to be evaluated:

- Daily worksheets.
- Chapter tests.