

GRACE COMMUNITY SCHOOL
Curriculum Development
COURSE DESCRIPTION

Course: Mathematics

Grade: Three

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: Students will name, write, recall, and recite, place values to one million, and multiplication facts through nine, rename for addition and subtraction, add, subtract, and make change with money and tell time to the nearest minute. They will, solve three and four digit multiplication problems, and perform the following measurements with the English and Metric systems: weight, length, temperature, and capacity. They will recognize, recall, and measure geometric shapes and add and subtract fractions and decimals. They will perform two column division problems, and apply basic operations to solve word problems.

Textbook: Houghton Mifflin Mathematics 3-California Edition

Materials:

- Practice masters.
- Supplemental worksheets.
- Rulers.
- Clocks.
- Plastic tiles.
- Calendar.
- Thermometer.
- Liquid/solid measures.

- Posters.
- Plastic geometric shapes.
- Flash cards.

Time Allotment: Fifty minutes, Five days per week

Course Content:

- Unit 1: Place Value.
- Unit 2: Money and Time.
- Unit 3: Addition and Subtraction.
- Unit 4: Measurement.
- Unit 5: Multiplication Concepts.
- Unit 6: Multiplication Facts.
- Unit 7: Geometry and Measurement.
- Unit 8: Fractions and Decimals.
- Unit 9: Division Facts.
- Unit 10: Division Concepts/Facts.
- Unit 11: Multiplication of Two and Three Digit Numbers.

Assessment:

- Tests: chapter and cumulative review.
- Homework.
- Oral tests: multiplication fact families.

Additional Activities

- Singing multiplication songs.
- Art projects for geometrical shapes and fractions.