

ST. LUKE'S LUTHERAN SCHOOL

Course Name: Mathematics 6

Instructor's Name: Nancy Knewstep

About the Teacher: I received my B.S. from Virginia Polytechnic Institute and State University and have taken a number of continuing education classes during the ensuing years. My previous teaching experiences include Headstart in Fairbanks, Alaska, and teaching the gifted elementary program at Orange Elementary, as well as day care work and working with special education. This will be my 23rd year with St. Luke's. My daughter Lindsey is a graduate of St. Luke's and is attending Jefferson College of Health Sciences in Roanoke, VA.

Contact Information: Planning at school: 2:00-2:30 p.m.
School: 825-8890, ext. 54
Email: nknewstep@stlukeslutheranschool.com
Home: 6-9 p.m.-School Directory

Textbook: *Harcourt Math*

Units to be Covered

Whole numbers and Decimals: Place value, adding, subtracting, multiplying and dividing.

Order of Operation

Collecting Data and applied to graphing, Statistics and Probability

Number Theory: Multiples, factors, and divisibility rules

Fractions: Adding, subtracting, multiplying and dividing measurement.

Ratio, Proportion and Percent

Perimeter, Area, and Volume

Method of Delivery: Lecture, notes, discussions, cooperative learning

Learning Goals

- Know how to order, compare and determine equivalent whole numbers, decimals and fractions
- Know how to add, subtract, multiply and divide whole numbers, decimals, and fractions.
- Know how to calculate equations and expressions using the proper order of operation including exponents, fractions, and parenthesis.
- Students can properly collect and interpret data and create the appropriate graphs for their data.
- Students will utilize the number theory and divisibility rules.
- Know how to utilize formulas for perimeter, area, volume and circumference.

Grading

Homework-- Homework is for student practice and self evaluation of material covered. Students are expected to complete all homework assignments. If a student is having difficulty with the homework he/she should contact me before class. Class participation and completion of homework is taken into consideration for the overall grade.

Speed Drills-- administered every Friday and are 10% of their grade

Quizzes-- generally administered mid-chapter

Tests-- administered at the end of each chapter

Grading Scale: School Policy

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