

General Math

Syllabus

Overview

This elective math course will cover the following concepts:

Review of basic mathematical operations – addition, subtraction, and multiplication; also includes negative numbers, place value, number operations, and problem solving using these operations, division, operations with fractions and decimals, ratio, proportion and percent, basic geometry and measurement.

Objectives

This math elective is designed to prepare the student to further their math learning by reviewing basic math concepts to enable success in the next level required math courses.

Individual Lessons

Note: All of the lessons are within the A+LS software located on each student's workstation. Each lesson comes equipped with three sections: Study (notes and instruction of the lesson material), Practice (a pretest that gives immediate feedback upon student responses), and Test (the formal assessment of lesson material). For information on lesson correlation to AZ state standards, please refer to the following web address (you will need Adobe Acrobat Reader to view this page): <http://www.amered.com/correlations/arizona.pdf>.

This elective math course covers the following lessons:

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Lessons on basic number ideas, facts, properties, and skills for addition, subtraction, multiplication, and division, and real world problem solving using each operation. Lessons on fractions, decimals, ratio, proportion, and percent, data analysis and graphing, basic geometric terms, linear, area, and volume measurement, and real world problem solving using geometric concepts.

Tests & Measurements

Scoring is based upon successful completion of all three sections of each individual lesson (Study, Practice, and Test) with a score of at least 80% on the Test and/or the discretion of the classroom teacher. 90% of the final grade is the average of coursework throughout while the remaining 10% is based upon the score on the Comprehensive Review.