

Teacher Guide Page

Subject Area MATHEMATICS

Rationale: Mathematics is a knowledge/communication enabling students to adapt within a technologically based environment. Students will develop the mathematical confidence to grow as individuals, to achieve the lifelong skills of reasoning and problem solving, and to be productive in our globally diverse society.

Course/Gr. Lev. Desc FUNCTIONAL MATH: Students will apply mathematical knowledge to practical situations such as check writing, balancing check registers, computing simple interest, and calculating unit cost.

Rationale: The purpose of Fundamentals of Mathematics is to review and enhance basic mathematical skills.

Content Standard 1. Addition, subtraction, multiplication and division; other number sense, including numeration and estimation; and the application of these operations and concepts in the workplace and other situations

Standard	Objectives	Resources/Activities	Assessments
MA-F-1-1	Students will be able to do adding, subtracting, multiplying and dividing whole numbers, decimals and fractions.	Students will do worksheets or textbook problems on adding, subtracting, multiplying and dividing whole numbers, decimals and fractions.	Students will be able to get 7 out of 10 problems right on worksheets or 70% on a written test that deals with adding, subtracting, multiplying and dividing whole numbers, decimals and fractions.
MA-F-1-2	Students will be able to use percents. A. Change from whole numbers, decimals and fractions to percents or from percents to whole numbers, decimals and fractions. B. Find a percent of a number.	Students will do worksheets or textbook problems on changing whole numbers, decimals and fractions to percents or percents to whole numbers, decimals and fractions. Students will calculate discount and sale price of items on sale.	Students will be able to get 8 out of 10 problems right on worksheets or 80% right on a written test that deals with changing from whole numbers, decimals or fractions to percents or from percents to whole numbers, decimals or fractions and finding a discount or sale price.
MA-F-1-3	Students will be able to estimate answers.	Students will do worksheets or textbook problems on using estimation to check reasonableness of calculations.	Students will be able to get 7 out of 10 problems right on worksheets or 70% on a written test that deals with using estimation.