

MATH SKILLS

TEXT

Real Life Math

PREREQUISITES

9th grade or recommendation of math teacher

OBJECTIVES

- Introduce practical math skills
- Strengthen math concepts and calculation
- Develop competency in the math used in daily living
- Prepare students for more abstract math
- Build advocacy and consumer skills for independent living
- Meet students' need for high school math credit

CONTENT

- Simulation of independent living
 - Banking including checking, depositing, and balancing checkbook
 - Renting
 - Budgeting
 - Menus, food values, nutrient calculation
 - Paying bills
 - Computing daily costs
 - Payroll, taxes, income tax
 - Car ownership, including purchase, insurance, and maintenance
 - Travel planning, including map reading
 - Citizen obligations, such as census and demographics understanding
- Career exploration
- Computation of 4 operations, fractions and decimals
- Practical multi-step word problems using all operations, percentages, integers, measurement, geometry

SKILLS

- Accurate calculation using a calculator
- Understanding math processes
- Interpreting and solving word problems
- Gaining confidence in using math for daily living

METHODS

Small group and individual instruction. Active simulation of living independently. Use of community resources such as advertisements, menus, maps, and directories.

HOMEWORK

Weekly homework to practice skills. Unfinished class work must be done at home.

GRADING/CREDITS

Grade/credit is based on classroom work, class participation, quizzes and tests.

INDIVIDUALIZATION

Specific skill deficiencies are addressed in class. Personal strategies for academic success are developed. This class is designed for students with math disabilities or previous failure in math classes.

ABSENCES/TARDIES

Excessive absences or tardies will result in lower grade and loss of credit.