



Online Courses for High School Students

1-888-972-6237

Consumer Math

This course focuses on the mathematics involved in making wise consumer decisions. Students explore the many ways in which mathematics affects their daily lives. Semester A will cover paychecks and wages, taxes, insurance, budgets, bank accounts, credit cards, interest calculations, and comparison shopping.

Prerequisite: None

Course Length: Two Semester

Required Text: None

Course Outline:

Consumer Math A

Module 1: All About Numbers

- Review of Decimals
- Review of Fractions
- Review of Integers
- Review of the Order of Operations
- Review of Equations
- Solving Equations with Variables on Both Sides
- More on Solving Equations
- Review of Percent

Module 2: All About Jobs

- Forms and Time Cards
- Working with Wages
- Salary
- Commission
- Piecework
- Tips

Module 3: Deductions, Taxes and Insurance

- Understanding Your Paycheck
- Calculating Your Payroll Deductions
- Health and Life Insurance
- Tables and Graphs
- Federal Income Tax
- Real Life Applications

Module 4: Transportation and Automobile Expenses

- Buying A Car
- Operating Expenses
- Auto Insurance
- Other Car Topics
- Transportation
- Taking Road Trips
- Real Life Applications

Consumer Math B

This course focuses on the mathematics involved in making wise consumer decisions. Students explore the many ways in which mathematics affects their daily lives. Semester B topics include vehicle and home purchasing, investing, and business and employee management.

Module 5: Personal Finance

- Plotting Points
- Correlations
- Linear Graphs
- Net Worth and Purchasing Power
- Budgeting
- Spending

Module 6: Checking and Savings Account

- Exponential Equations
- Checking Accounts
- Saving Accounts
- Passbook and Deposit Slips
- Simple and Compound Interest

Module 7: Obtaining and Using Credit

- Using Credit Cards
- Loans
- Installment Buying
- Calculating Simple Interest
- Thinking About Credit

Module 8: Housing and Related Expenses

- Renting an Apartment
- Buying a House
- Property Tax and Homeowner's Insurance
- Decorating, Remodeling and Landscaping