

Financial Algebra focuses on real-world financial literacy, personal finance, and business subjects. Students apply what they learned in Algebra 1 and Geometry to topics including personal income, taxes, checking and savings accounts, credit, loans and payments, car leasing and purchasing, home mortgages, stocks, insurance, and retirement planning.

Students then extend their investigations using more advanced mathematics, such as systems of equations (when studying cost and profit issues) and exponential functions (when calculating interest problems).

This course is built to state standards as they apply to Financial Algebra and adheres to the National Council of Teachers of Mathematics' (NCTM) Problem Solving, Communication, Reasoning, and Mathematical Connections Process standards.

Length: Two Semesters

**Unit 1: What Is Money?**

**Unit 2: Cost of Living and Budget**

**Unit 3: Income Tax**

**Unit 4: Checking and Savings**

**Unit 5: Purchasing and Credit**

**Unit 6: Loans and Payments**

**Unit 7: Semester 1 Review and Exam**

**Unit 8: Car Ownership**

**Unit 9: Home Ownership**

**Unit 10: Insurance and Retirement**

**Unit 11: Investments**

**Unit 12: Business**

**Unit 13: Semester 2 Review and Exam**