

Financial Mathematics focuses on real-world financial literacy, personal finance, and business subjects. Students apply what they learned in Algebra I 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). To assist students for whom language presents a barrier to learning or who are not reading at grade level, Financial Mathematics includes audio resources in both Spanish and English.

This course is built to state standards as they apply to Financial Mathematics 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