

Personal Finance

State Standard Number	State Standard Area/Description	Unit Name	Course Topic Description
	Financial Literacy		
MA.912.F.1.1	Explain the difference between simple and compound interest.		
MA.912.F.1.2	Solve problems involving compound interest.		
MA.912.F.1.3	Demonstrate the relationship between simple interest and linear growth.		
MA.912.F.1.4	Demonstrate the relationship between compound interest and exponential growth.		
MA.912.F.2.1	Calculate the future value of a given amount of money with and without technology.		
MA.912.F.2.2	Calculate the present value of a certain amount of money for a given length of time in the future with and without technology.		
MA.912.F.2.3	Use a consumer price index to express dollars in constant terms with and without technology.		
MA.912.F.2.4	Calculate the present value of an income stream with and without technology.		
MA.912.F.3.1	Compare the advantages and disadvantages of using cash versus a credit card.	Understanding Credit	Managing Credit and Short Term Debt
MA.912.F.3.2	Analyze credit scores and reports.	Understanding Credit	Managing Credit and Short Term Debt
MA.912.F.3.3	Calculate the finance charges and total amount due on a credit card bill.		
MA.912.F.3.4	Compare the advantages and disadvantages of deferred payments.		
MA.912.F.3.5	Calculate deferred payments.		
MA.912.F.3.6	Calculate total cost of purchasing consumer durables over time given different down payments, financing options, and fees.	Understanding Credit	Long Term Debt
MA.912.F.3.7	Calculate the following fees associated with a mortgage: <ul style="list-style-type: none"> ◆ discount points ◆ origination fee 		

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	<ul style="list-style-type: none"> ◆ maximum brokerage fee on a net or gross loan ◆ documentary stamps ◆ prorated expenses (interest, county and/or city property taxes, and mortgage on an assumed mortgage) 		
MA.912.F.3.8	Substitute to solve a variety of mortgage formulas, including but not limited to Front End Ratio, Total Debt-to-Income Ratio, Loan-to-Value Ratio (LTV), Combined Loan-to-Value Ratio (CLTV), and Amount of Interest Paid Over the Life of a Loan.		
MA.912.F.3.9	Calculate the total amount to be paid over the life of a fixed rate loan.	Understanding Credit	Long Term Debt
MA.912.F.3.10	Calculate the effects on the monthly payment in the change of interest rate based on an adjustable rate mortgage.		
MA.912.F.3.11	Calculate the final pay out amount for a balloon mortgage.		
MA.912.F.3.12	Compare the cost of paying a higher interest rate and lower points versus a lower interest rate and more points.		
MA.912.F.3.13	Calculate the total amount paid for the life of a loan for a house including the down payment, points, fees, and interest.		
MA.912.F.3.14	Compare the total cost for a set purchase price using a fixed rate, adjustable rate, and a balloon mortgage.		
MA.912.F.3.15	Interpret the legal description using the metes and bounds; lot and block (plat); government survey; and monument methods.		
MA.912.F.3.16	Estimate real property value using the sales comparison approach, cost-depreciation approach, or the income capitalization approach.		
MA.912.F.3.17	Compare interest rate calculations and annual percentage rate calculations to distinguish between the two rates.		

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MA.912.F.4.1	Develop personal budgets that fit within various income brackets.	Developing a Sound Financial Life	Today is Tomorrow's Foundation
MA.912.F.4.2	Explain cash management strategies including debit accounts, checking accounts, and savings accounts.	Banking and Insurance	Banking
MA.912.F.4.3	Calculate net worth.		
MA.912.F.4.4	Establish a plan to pay off debt.		
MA.912.F.4.5	Develop and apply a variety of strategies to use tax tables, and to determine, calculate, and complete yearly federal income tax.		
MA.912.F.4.6	Compare different insurance options and fees.	Banking and Insurance	Insurance
MA.912.F.4.7	Compare and contrast the role of insurance as a device to mitigate risk and calculate expenses of various options.	Banking and Insurance	Insurance
MA.912.F.4.8	Collect, organize, and interpret data to determine an effective retirement savings plan to meet personal financial goals.	Investing Money	Achieving Financial Goals
MA.912.F.4.9	Calculate, compare, and contrast different types of retirement plans, including IRAs, ROTH accounts, and annuities.	Investing Money	Retirement
MA.912.F.4.10	Analyze diversification in investments.	Investing Money	Achieving Financial Goals Retirement
MA.912.F.4.11	Purchase stock with a set amount of money, and follow the process through gains, losses, and selling.		
MA.912.F.4.12	Compare and contrast income from purchase of common stock, preferred stock, and bonds.		
MA.912.F.4.13	Given current exchange rates be able to convert from one form of currency to another.		
MA.912.F.4.14	Use data to compare historical rates of return on investments with investment claims to make informed decisions and identify potential fraud.	Investing Money	Achieving Financial Goals
MA.912.F.5.1	Demonstrate how price and quantity demanded relate, how price and quantity supplied relate, and how		



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	price changes or price controls affect distribution and allocation in the economy.		
MA.912.F.5.2	Use basic terms and indicators associated with levels of economic performance and the state of the economy.		