

Gen i Revolution missions related to W!se Financial Literacy Curriculum Topics

In partnership with W!se (Working in Support of Education), CEE encourages students to earn a financial literacy certification after completing a course on personal finance where Gen i Revolution is integral to instruction. Students are Certified Financially Literate™ (CFL™) by w!se when they take and pass its national standardized Financial Literacy Certification Test, administered nationally in the fall and spring semesters of each school year. Developed in 2003, the CFL™ program has expanded nationally and has been widely recognized for its success, including the US Treasury Department's John Sherman Award for Excellence in Financial Education.

The tables below outline the relationship between the W!se curriculum and the Gen i Revolution missions.

W!SE CURRICULUM TO GEN I REVOLUTION CONCEPT MAPPING

W!se Curriculum Topics	Primarily Correlated Gen i Missions	Other Gen i Missions
1. MONEY		
History, Importance, Description and Characteristics		
Fiat Currency		
Cashless Society	1 & 3	4, 6, 7, 8
Sources of and Factors Influencing Income	1 & 3	5, 7, 8, 10
Relationship between Money, Income, Savings, Spending and Financial Literacy	1 & 3	2, 6, 8
Gross and Net Pay	1 & 3	
Taxation and Payroll Deductions	1 & 3	
Pay-Day Lending	1 & 3	7
Income Tax Returns		
2. BUDGETING/SPENDING PLANS		
Financial goals	4	1, 6, 15
Preparing, Managing, and Balancing a Spending Plan/Budget	4	1, 3, 5, 6, 8, 11, 13, 15
Needs vs. Wants	4	5
The 3 R's -- Reality, Responsibility, and Restraint	4	
Factors Affecting a Budget	4	3
Strategies for Financial Wellness and Developing Wealth	4	1, 11

Wise Curriculum Topics	Primarily Correlated Gen i Missions	Other Gen i Missions
3. COST OF MONEY		
Role of Interest and applications	5	1, 7, 15
Role of the Federal Reserve	5 & 14	6
Compounding, Time Value of Money, Rule of 72	5	1
Annual Percentage Rate (APR)	5	
Inflation and Impact of Inflation	5	15
4. BANKING		
Importance and Need for Savings	7	4, 6, 12, 15
Types of Banks	7	4
Banks as Intermediaries	7	4, 6
Safety (FDIC and NCUSIF)	7	6, 8, 10, 11, 15
Role of the Federal Reserve	7	6
Banking Services and Products	7	4, 6, 12, 15
Checking and Reconciliation	7	6
How Banks Make Money	7	
Credit Unions, Pawn Shops, Check Cashing Centers, and Finance Companies	7	4, 5, 13
5. CREDIT		
Credit and How It Works- Qualification/Sources/Benefits	5	3, 11
Factors Affecting Credit	5	
Credit Products and Elements Related To Their Use	5	4, 7
Credit History, Credit Score, Credit Reports	5	7
Mortgages	5	4, 15
Credit Problems, Abuses and Remedies	5	7, 12
Consumer Rights and Responsibilities	5	
6. INSURANCE		
Purpose of Insurance and Shared-Risk	16	
Characteristics of Policies	16	
How to Determine Needs	16	
Types of Insurance, Purpose, and How They Work	16	
Strategies to Reduce Cost	16	

Wise Curriculum Topics	Primarily Correlated Gen i Missions	Other Gen i Missions
7. INVESTING		
Putting Money to Work	6, 8, 9, & 10	4, 7, 11, 12, 15
Risk and Rewards	6, 8, 9, & 10	5, 7, 11, 14, 15
Brokers vs. Investment Online Services	6, 8, 9, & 10	7
Primary vs. Secondary Markets	6, 8, 9, & 10	7, 12
Investment Products/Choices	6, 8, 9, & 10	1, 7, 13, 14, 15
Factors Influencing the Market and Financial Products	6, 8, 9, & 10	7, 12
Capital Gains and Losses	6, 8, 9, & 10	7, 11
Monitoring Groups and Regulating Agencies	6, 8, 9, & 10	13
8. MONEY MANAGEMENT/FINANCIAL PLANNING		
Net Worth	15	10
Financial Plans	15	1, 6, 7, 8, 11, 13
Strategies for Being a Smart Consumer	15	
Ethics and Money	15	
Housing	15	4
College Tuition and Expenses	15	2, 3, 5, 6, 10
Retirement Planning and Products	15	1, 4, 9
Wills	15	
REGULATORY AGENCIES		
<i>Integrated throughout Wise Curriculum</i>	13, 14	
CAREERS		
<i>Integrated throughout Wise Curriculum</i>	2 & 3	
ETHICS AND VALUES		
<i>Integrated throughout Wise Curriculum</i>	13, 15	
READING FINANCIAL DOCUMENTS		
<i>Integrated throughout Wise Curriculum</i>	5, 6, 9, 10, 11	

GEN I REVOLUTION TO W!SE CURRICULUM CONCEPT MAPPING

Gen i Revolution Mission Concepts and Learning Objectives	W!se Curriculum Topic(s)	Aligns with W!se Certification Test?	Notes
Mission 1 - Building Wealth Over the Long Term			
<p>Concepts: Compound interest, Saving</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Explain and apply the principle of compound interest. 2. Explain why an early start is important to lifetime financial success. 3. Explain why long-term investors do not have to worry about moving money around but instead “buy and hold.” 4. Explain why long-term investors do not have to worry about picking ‘hot’ assets but instead diversify their holdings. 5. Explain why it is important to take advantage of employers’ matching employee retirement contributions. 	<p>Topic 2 (Budgeting)</p> <p>Topic 3 (The Cost of Money)</p> <p>Topic 4 (Banking)</p> <p>Topic 7 (Investing)</p>	<p>Yes</p>	<p>Topic 2 covers the goals of savings (e.g. emergency fund); Topic 3 covers the Time Value of Money and compounding; Topic 4 covers why an early start is important Topic 7 covers diversification and "buy and Hold"</p>
Mission 2 - Investing in Human Capital: Job Choice			
<p>Concepts: Human capital, Investment in human capital, Opportunity cost, Income, Career choice</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Explain the concept of human capital. 2. Recognize the importance of investing in human capital. 3. Identify a tentative career area. 4. Use Occupational Outlook Handbook information to identify what an occupation career is like, the education requirements, and the typical salary. 5. Identify occupations that match a given set of skills, abilities, and interests. 	<p>Topic 1 (Money)</p> <p>Topic 2 (Budgeting)</p>	<p>Generally, Yes (see notes)</p>	<p>The W!se Curriculum does not explain the concept of human capital. Topic 1 covers income, and education as one of the factors that influence income; Topic 2 covers opportunity cost; careers and career choice are integrated throughout the curriculum.</p>

Mission 3 - Investing in Human Capital: Education			
<p>Concepts: Human capital, Investment in human capital, Opportunity cost, Income</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Understand and apply the concept of human capital. 2. Explain that human capital is related to education choices, career choices, opportunities, and income. 3. Define and give examples of opportunity cost. 4. Weigh the costs and benefits of a choice to make an informed decision. 	<p>Topic 1 (Money) Topic 2 (Budgeting)</p>	<p>Generally, Yes (see notes)</p>	<p>The curriculum does not explain the concept of human capital.</p> <p>Topic 1 covers income, and education as one of the factors that influence income.</p> <p>Topic 2 covers opportunity cost; careers and career choice are integrated throughout the curriculum.</p>
Mission 4 - Budgeting			
<p>Concepts: Budgeting, Financial goal setting, Saving</p> <p>Learning objectives:</p> <ol style="list-style-type: none"> 1. Recognize that setting financial goals can help people be successful at saving. 2. Recognize that in order to accomplish their financial goals, people have to spend less than they receive. 3. Identify a simple way – examination of an online check register – to estimate family expenditures and develop a family budget. 4. Identify ways of saving by keeping income "out of sight" as a way to start saving. 	<p>Topic 2 (Budgeting) Topic 4 (Banking) Topic 8 (Money Management/Financial Planning)</p>	<p>Yes</p>	<p>Topic 2 covers financial goal setting and budgeting comprehensively.</p> <p>Topics 2 & 4 cover savings.</p> <p>Topic 4 covers the check register.</p> <p>Topic 8 covers financial planning.</p> <p>The curriculum does not explicitly cover the concept of keeping income "out of sight".</p>
Mission 5 - Credit			
<p>Concepts: Credit, Debt, Interest, Costs and benefits, Revolving credit</p> <p>Learning objectives:</p> <ol style="list-style-type: none"> 1. Calculate interest payments, minimum balances, and the cost of credit. 2. Develop and apply criteria for determining when the use of credit is appropriate. 	<p>Topic 3 (Cost of Money) Topic 5 (Credit)</p>	<p>Yes</p>	<p>Topic 3 covers interest and what an APR is.</p> <p>Topic 5 covers credit comprehensively, including the types of credit (revolving etc.), the costs and benefits of credit and the criteria for determining the good use of credit.</p>

<p>3. Explain the damage to a credit score that results from missing payments.</p> <p>4. Explain the various costs, including annual fees and finance charges, found on credit card statements.</p>			<p>The curriculum and Test do not ask students to know how to calculate interest payments.</p>
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Mission 6 - Risk and Return

<p>Concepts: Forms of saving and investing, Costs and benefits of saving, Risk vs. Return, Diversification</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Explain the costs and benefits of saving. 2. Show why a goal with tangible short-term costs and less tangible long-term benefits may be harder to achieve. 3. Describe the relationship between risk and return across asset categories. 4. Choose an appropriate investment vehicle for someone with a specified time horizon and risk tolerance. 	<p>Topic 2 (Budgeting)</p> <p>Topic 4 (Banking)</p> <p>Topic 7 (Investing)</p> <p>Topic 8 (Money Management/Financial Planning)</p>	<p style="text-align: center;">Yes</p>	<p>Topics 2 and 4 cover the forms of saving and the costs and benefits of saving.</p> <p>Topic 7 covers diversification, risk and return, risk tolerance and different investment products.</p> <p>Topics 2 and 8 cover financial goal setting and financial planning.</p>
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Mission 7 - Alternative Financial Institutions

<p>Concepts: Advantages and disadvantages of non-mainstream financial services, Choice, Costs and benefits, Credit, Debt, Interest, Revolving credit</p> <p>Learning objectives:</p> <ol style="list-style-type: none"> 1. Identify the types of alternative financial institutions, such as check-cashing stores, rent-to-own stores, and payday lenders. 2. Recognize the advantages and disadvantages of using alternative financial institutions. 3. Recognize the advantages and disadvantages of using mainstream financial institutions. 	<p>Topic 4 (Banking)</p> <p>Topic 5 (Credit)</p>	<p style="text-align: center;">Yes</p>	<p>Topic 4 covers the advantages and disadvantages of mainstream and non-traditional financial services.</p> <p>Topic 5 covers Credit, Debt, Revolving Credit and the Cost of Credit.</p>
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Mission 8 - Stocks			
<p>Concepts: Understanding stocks, Dividend, Saving, Reading a stock table</p> <p>Learning objectives:</p> <ol style="list-style-type: none"> 1. Define stock, dividend, stockholder, savings, income. 2. Understand why corporations issue stock. 3. Understand why people buy stock. 4. Identify the main advantages and disadvantages to owning stock. 5. Understand the risks of stock and ways that stockholders can reduce these risks. 6. Read stock tables presented in a newspaper or online. 	Topic 7 (Investing)	Yes	<p>Topic 7 covers all the concepts and learning objectives of the Mission.</p>
Mission 9 - Bonds			
<p>Concepts: Understanding bonds, Bond ratings, Reading a bond table</p> <p>Learning objectives:</p> <ol style="list-style-type: none"> 1. Explain what a bond is and how bonds are used by corporations and governments. 2. Define face value, coupon rate, and maturity date. 3. Understand the difference between coupon bonds and zero coupon bonds. 4. Identify advantages and disadvantages of owning bonds. 5. Identify the relationship between a bond's rating, default risk, and rate of return. 6. Read bond tables presented in a newspaper or online. 	Topic 7 (Investing)	Yes	<p>With one exception, Topic 7 covers all the concepts and learning objectives of the Mission. Students are not expected to be able to read a bond table.</p>
Mission 10 - Mutual Funds			
<p>Concepts: Understanding mutual funds, Diversification, Reading a mutual fund table</p> <p>Learning objectives:</p> <ol style="list-style-type: none"> 1. Explain how mutual funds work. 2. Identify advantages and disadvantages of investing in mutual 	Topic 7 (Investing)	Yes	<p>With one exception, Topic 7 covers all the concepts and learning objectives of the Mission. Students are not expected to be able to read a mutual fund table.</p>

<p>funds. 3. Define terms associated with mutual funds. 4. Read a mutual fund table presented in a newspaper or online.</p>			
Mission 11 - Researching Companies			
<p>Concepts: Alternatives, Choice, Fundamental Analysis, Scarcity</p> <p>Learning objectives:</p> <ol style="list-style-type: none"> 1. Explain why investment takes place under conditions of incomplete information. 2. Explain why it is difficult to choose investments that have extremely high returns. 3. Show the influence of stock price, price/earnings ratio, annual revenue and earnings per share on stock selection. 4. Choose an appropriate portfolio for someone with a specified time horizon and risk tolerance. 	<p>Topic 7 (Investing)</p>	<p>Limited</p>	<p>Topic 7 covers items 3 and 4 of the Mission's learning objectives.</p>
Mission 12 - Stock Market Fundamentals			
<p>Concepts: Equilibrium price, Shift in demand and supply</p> <p>Learning objectives:</p> <ol style="list-style-type: none"> 1. Explain that the price of a stock is determined in a market. 2. Understand that the interaction of supply and demand for a stock determines its price. 3. List some factors that affect the supply and demand for a stock. 	<p>Topic 7 (Investing)</p>	<p>Limited</p>	<p>Topic 7 covers items 1 and 3 of the Mission's learning objectives. Students are not expected to know the law of supply and demand as it relates to stock prices.</p>

Mission 13 - Stock Market Crashes			
<p>Concepts: Causes and effects of stock market crashes, The Federal Reserve, Monetary policy</p> <p>Learning objectives:</p> <ol style="list-style-type: none"> 1. Explain how monetary policy affects stock prices. 2. Explain the stock market crash of 1929 and why it was followed by a depression. 3. Explain the stock market crash of 1987 and why it was followed by a recovery of asset prices. 4. Explain the real estate bubble of 2005-2007 and how it led to the 2008 crash of stock market prices. 5. Explain the risks that occur when an investor ignores the advice to "diversify" and instead concentrates assets in a "hot sector." 6. React appropriately to a marked reduction in the value of one sector in a portfolio. 	Topic 7 (Investing)	No	<p>Topic 7 covers item 5 of the learning objectives of the Mission.</p>
Mission 14 - Forecasting the Future			
<p>Concepts: Business cycles, Leading economic indicators, Expansion, Contraction, Economic forecasting, Currency markets, Exchange rate</p> <p>Learning objectives:</p> <ol style="list-style-type: none"> 1. Describe the phases of a typical business cycle. 2. Explain how changes in the stock market may affect the overall economy. 3. Explain how the Federal Reserve's regulation of the money supply and banking may affect the overall economy. 4. Use stock prices and other leading economic indicators to forecast real GDP, inflation, and unemployment. 	Topic 3 (The Cost of Money), Topic 9 (Regulatory Agencies)	Limited	<p>Topics 3 and 9 cover item 3 of the learning objectives of the Mission.</p>

Mission 15 - Financial Planning			
<p>Concepts: Forms of saving and investing, Diversification, Risk vs. return, Financial goal setting, Bonds, Certificate of deposit, Diversification, Liquidity, Money market account, Mutual funds, Principal, Rate of return, Risk, Savings account, Stocks</p> <p>Learning objectives:</p> <ol style="list-style-type: none"> 1. Describe the four types of risk involved in saving and investing. 2. Use a five-step decision making process to evaluate investment choices. 3. Identify eight questions individuals should consider when seeking investment advice. 4. Examine the investment needs of people in different financial situations and make appropriate recommendations. 	<p>Topic 2 (Budgeting) Topic 3 (Cost of Money) Topic 4 (Banking) Topic 7 (Investing) Topic 8 (Money Management/Financial Planning)</p>	<p>Yes</p>	<p>Topics 2, 3, 4, 7 and 8 collectively cover all of the concepts in the Mission. Topic 7 covers item 4 of the learning objectives for the Mission. We do not expect students to know items 1,2 or 3 of the learning objectives of the Mission.</p>
Mission 16 - Risk and Insurance			
<p>Concepts: Dealing with risk, Insurance as a means of sharing risk, Types of insurance, Factors effecting cost and coverage.</p> <p>Learning objectives:</p> <ol style="list-style-type: none"> 1. Explain the three main approaches to dealing with risk. 2. Explain how insurance works as a means of sharing risk. 3. Describe the major types of insurance and factors that can affect cost and coverage. 4. Use information about major types of insurance to make appropriate recommendations on coverage. 	<p>Topic 6 (Insurance)</p>	<p>Yes</p>	<p>Topic 6 covers all the concepts and learning objectives of the Mission.</p>