Maine Financial Literacy Framework & Resource Guide

The mission of the K-12 Financial Literacy Framework and Resource Guide is to provide support to teachers so that they can provide their students with the critical content knowledge and relevant skills that will financially empower them and increase their opportunities to make informed decisions as they navigate through the economic world.

The guide starts with identifying the Maine Learning Results (MLRs) and performance indicators that have connections to personal financial literacy at all grade bands. These MLRs and performance indicators are referenced with the Jump\$tart national standards at similar grade bands. The goal of this crosswalk is to help teachers make connections to the MLRs, Jump\$tart national standards, and their own classrooms. Within the Jump\$tart national standards, potential lesson plans, books, activities, and resources from both inside and outside of Maine are identified. These resources are meant to help guide teachers through the teaching of personal financial literacy by providing both actual resources to use in their classroom or to just inspire and refine current practices and thinking that are already in place in a teacher's classroom.

This guide identifies key financial knowledge, skills, concepts and supporting partner organizations and resources at each grade band as identified by the national Jump\$tart standards. These standards identify learner outcomes that provide a structure for the exploration of the economic and personal finance concepts. While each learner outcome is important in its own right, the benefit of understanding the individual and collective context of each will allow students to better comprehend the impact they have upon their own financial successes or difficulties. Supporting the learner outcomes are aligned sample lessons, projects and activities, and suggested fiction and nonfiction texts that have been developed by external financial education partners for each grade band.

Why financial literacy? According to the 2016 National Financial Capability Survey:

- In Maine, 15% of individuals reported that over the past year, their household spent more than their income.
- In Maine, 55% of individuals lack a rainy day fund to cover expenses for three months, in case of emergencies such as sickness, job loss or economic downturn.
- In Maine, 18% of individuals reported using one or more non-bank borrowing methods (e.g. payday loans) in the past five years.
 - Additionally, 30% of those with credit cards paid only the minimum on their credit cards during some months in the last year.
- People were asked questions about economics and finance encountered in everyday life. In Maine, 58% are unable to answer more than three out of the five questions correctly.
- Most Americans do not comparison shop for credit cards, with 56% saying that in obtaining their most recent credit card they did not collect and compare information about cards from more than one company.

The links at the top of each of the following pages can be used to navigate the document based on grade band and the Jump\$tart national standards categories.

The K-12 Financial Literacy Framework and Resource Guide was developed to provide support and resources for teachers and counselors to better incorporate financial content knowledge and skills into existing curricula across various disciplines (i.e., Social Studies, Language Arts, and Mathematics). The concepts and skills introduced in kindergarten will build at each grade level through graduation and prepare them to evaluate the costs and benefits of college and career choices, savings and investment strategies, credit and debt management alternatives, and risk management strategies.

Maine Learning Results and Performance Indicators

The Maine Learning Results for Social Studies include a standard for Personal Finance and Economics: "Students draw on concepts and processes from personal finance to understand issues of money management, saving, investing, credit, and debt, and from concepts and processes in economics to understand issues of production, distribution, consumption in the community, Maine, the United States, and world."

In the Maine Learning Results for Social Studies, personal finance has a separate section of performance indicators is specifically identified in the Maine Learning Results for Social Studies at various grade levels and grade spans. Connections to the **National Jump\$tart standards** and additional resources are made to the performance indicators below.

Performance expectations have been developed to help show the progression of learning that I student would participate in on their way to successfully meeting the standard. These performance expectations identify what a student may be expected to do in order to show that they "<u>understand the nature of personal finance as well as key foundational ideas by...</u>":

Kindergarten: describing how money has value and can be traded for goods and services. (Spending/Saving)

Grade 1: describing how spending, saving, and sharing are ways to use money. (Spending/Saving)

Grade 2: describing how planning for the future (<u>Investing</u>) is important to managing money. (<u>Financial Decision Making</u>)

Grade 3: describing situations in which personal choices (<u>Financial Decision Making</u>) are related to the use of money. (<u>Employment/Income</u>)

Grade 4: describing situations in which financial institutions can be used to manage money. Credit/Debt

Grade 5: describing situations in which choices (<u>Financial Decision Making</u>) are related to the use of financial resources (<u>Spending/Saving</u>) and financial institutions. (<u>Credit/Debt</u>)

Grades 6-8: Students understand the principles and processes of personal finance by:

- (F) Explaining how scarcity influences choices and relates to the market economy. (Investing) (Insurance)
- (F) Identifying factors that contribute to spending and savings decisions. (Spending/Saving)
- (D) Using a process for making spending and savings decisions based on work, wages, income,(<u>Employment/Income</u>) expenses, and budgets as they relate to the study of individual financial choices.(<u>Financial Decision Making</u>)

Grades 9-Diploma: Students understand the principles and process of personal finance by:

- (F) Explaining how personal finance involves the use of economics as the basis for saving,(<u>Spending/Saving</u>) investing,(<u>Investing</u>) and money management. (<u>Financial Decision Making</u>) (<u>Employment/Income</u>)
- (F) Identifying factors that impact consumer credit.(<u>Credit/Debt</u>)
- (D) Evaluating ways credit can be used. (Credit/Debt)
- (D) Evaluating different strategies for money and risk management. (Insurance)

Each section of the following document is broken up by grade bands (K-4, 5-8, 9-Diploma) based on the National Jump\$tart standards with appropriate Jump\$tart standards in the left column and possible resources sorted by type in the right column. The crosswalk of Maine Learning Results for Social Studies and the National Jump\$tart standards are only one way that the standards and performance indicators can be looked at. Additionally, all listed resources are suggestions that may be used by educators to meet the needs of their students, classrooms, and districts.

The Consumer Financial Protection Bureau has <u>released research about the pedagogy of teaching about personal finance</u> to our students.

"Where and when during childhood and adolescence do people acquire the foundations of financial capability? The Consumer Financial Protection Bureau (CFPB) researched the childhood origins of financial capability and well-being to identify those roots and to find promising practices and strategies to support their development.

The personal finance pedagogy is a guide for educators to teach the development of youth personal finance skills. CFPB has identified teaching techniques and learning strategies to address the three building blocks that influence the development of lifelong personal finance decision-making skills."

Resources include:

- Learning about their research-based model
- Getting started using the teaching tool
- Using the tool to teach elementary school students
- Using the tool to teach middle school students
- Using the tool to teach high school students

- K-4: <u>Spending/Saving</u>; <u>Credit/Debt</u>; <u>Employment/Income</u>; <u>Investing</u>; <u>Insurance</u>; <u>Financial Decision Making</u>
- 5-8: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making
- 9-Grad: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making

K-4

Spending and Saving

Financial Literacy Standards

By the end of 4th grade students will:

Overall: Apply strategies to monitor income and expenses, plan for spending and save for future goals.

- A. Many factors and experiences, such as role models and peer pressure, affect spending patterns.
- B. A spending plan (budget) is a guide to help people balance money coming in (income) and money going out (expenses).
- C. Writing a check, using a debit or credit card or paying online or with a mobile device or with cash are all ways of spending.
- D. Saving means choosing to set aside money for emergencies and future needs and goals.
- E. People are required to pay taxes, for which they receive government services.

Standard 1. Develop a plan for spending and saving.

- A. Explain how saving money can improve financial well-being.
- B. Create a way to keep track of money spent.
- C. Categorize types of household expenses and sources of income.
- D. Calculate the sales tax for a given purchase.
- E. Describe ways that people can decrease expenses to save more of their incomes.
- F. Demonstrate how to allocate weekly income for spending, saving and sharing goals.
- G. Give an example of how government uses tax revenues.

Standard 2. Develop a system for keeping and using financial records.

A. Monitor financial statements for a personal savings account.

Sample Lessons/Resources

Lesson Plans:

- K Saving Activities Math
- K-2 Spend, Save, or Donate
- K-2 Bad Kitty Gets Good Goods & Services
- K-5 Toys for Me: A Lesson on Choice
- K-5 The ABCs of Saving
- 1-4 Piggy Bank Primer Teacher / Student
- 2 Banking Activities Math
- 3-5 Savings & Investing Teacher Student
- 3-5 You Decide
- 4 <u>Double Your Money</u>
- 4 Saving Activities Math

Lesson Plan Centered Around a Book:

- K Just Saving My Money
- K-1 Curious George Saves His Pennies
- K-2 Saving Makes Cents
- K-2 Money, Money, Honey Bunny!
- K-2 Alexander Used to be Rich
- K-3 Glo Goes Shopping
- 1 Savings Accounts and Interest
- 1-3 Something Special For Me
- 1-3 The Case of the Shrunken Allowance
- 2-3 Splat the Cat Takes the Cake
- 2-4 Less Than Zero
- 3 Saving
- 3-5 <u>Saving Strawberry Farm</u>
- 5 Saving Goals

Games/Activities:

- K-2 Money Mammals
- K-2 Rich Kid Smart Kid Pay Yourself First
- K-2 <u>Rich Kid Smart Kid</u> <u>Jesse's Big</u>

Change

- K-2 FAME's Cash & Max
 - 1. Coloring Books
 - 2. Teaching Guide
- K-5 Financial Fables Oscar Ostrich &

- K-4: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making 5-8: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making 9-Grad: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making
 - B. Set up a system to keep track of household product information, such as product warranties and receipts

Standard 3. Describe how to use different payment methods.

- A. Justify reasons to keep money in a bank or credit union
- B. Demonstrate how checks and debit cards, gift cards and credit cards work as payment methods.
- C. Verify the total cost of a purchase that includes multiple items.
- D. Calculate the amount of change to be returned when the payment amount is greater than the purchase price.

Standard 4. Apply consumer skills to spending and saving decisions.

- A. Compare prices for the same item from two different sources.
- B. Justify a spending decision based on predetermined criteria for an acceptable outcome and available options.
- C. Explain how peer pressure can affect spending decisions.

Penny Pigeon

- 3-5 Rich Kid Smart Kid Pay Yourself First
- 3-5 Rich Kid Smart Kid Jesse's Big Change
- 3-5 Money Matters Word Find
- 3-5 FAME's Cash and Max
 - 1. Workbook
 - 2. Teaching Guide
- 3-5 FAME's Claim Your Future Game
- 4-6 EverFi's Free Online Course Vault

Resources:

K - Kiddynomics

Resources in Maine

JA Ourselves - K

JA Our Families- 1st

JA Our Community - 2nd

JA Our City - 3rd

JA Our Region - 4th

JA Our Nation - 5th

JA More Than Money- 3rd - 5th

The County Federal Credit Union's Monty

Moose

Credit Abuse Resistance Education

<u>Finance Authority of Maine (FAME)</u>

Machias Savings Bank

Maine Credit Union League

Maine Department of Education

ME Jump\$tart for Personal Financial Literacy

Credit and Debt

Financial Literacy Standards

By the end of 4th grade students will:

Overall: Develop strategies to control and manage credit and debt.

- A. Credit is a basic financial tool.
- B. Borrowing money to buy something usually costs more than paying cash because there is a price (interest and fees) for buying on credit.
- C. Borrowers who repay as promised show that they are

Sample Lessons/Resources

Lesson Plans:

- K-2 Community Helpers at Your Service
- K-2 Goods & Services
- K-2 Communities What They Provide
- 2 Loan Activities ELA
- 3-5 Banking Is INTEREST-ing
- 3-5 Piggy Bank vs. Saving Account
- 4-5 Hands on Banking p. 60-67
- 4-5 Debit or Credit: You Decide
 - 1. Lesson Plan

K-4: <u>Spending/Saving</u>; <u>Credit/Debt</u>; <u>Employment/Income</u>; <u>Investing</u>; <u>Insurance</u>; <u>Financial Decision Making</u> 5-8: <u>Spending/Saving</u>; <u>Credit/Debt</u>; <u>Employment/Income</u>; <u>Investing</u>; <u>Insurance</u>; <u>Financial Decision Making</u>

9-Grad: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making

worthy of using credit in the future

Standard 1. Analyze the costs and benefits of various types of credit.

- A. Identify situations when people might pay for certain items in small amounts over time.
- B. Summarize the advantages and disadvantages of using credit.
- C. Explain why financial institutions lend money.
- D. Explain why using a credit card is a form of borrowing.

Standard 2. Summarize a borrower's rights and responsibilities related to credit reports

- A. Describe the qualities that would be desirable in a person who borrows a favorite personal possession.
- B. Give examples of reasonable conditions to set for the use of borrowed personal property.

Standard 3. Apply strategies to avoid or correct debt management problems.

A. Relate overspending to potential borrowing problems.

Standard 4. Summarize major consumer credit laws.

A. No 4th Grade Benchmarks

2. Worksheet

Lesson Plan Centered Around a Book:

- 3 Debt
- 3 Shopping Smarter
- 3-5 Financial Fables Percy Peacock
- 3-5 <u>How One Small Loan Made A Big</u> Difference
- 3-5 Less Than Zero
- 4 Spending Money

Games/Activities:

K-2 <u>Rich Kid Smart Kid</u> - <u>Reno's Debt</u> Dilemma

K-2 FAME's Cash & Max

- Coloring Books
- 2. Teaching Guide
- 3-5 <u>Rich Kid Smart Kid</u> <u>Reno's Debt</u> <u>Dilemma</u>
- 3-5 FAME's Claim Your Future Game
- 3-5 FAME's Cash and Max
 - 1. Workbook
 - 2. Teaching Guide
- 4-6 EverFi's Free Online Course Vault
- 4 Borrowing and Lending
- 4 Using Credit & Spending Wisely
- 5 <u>Payment Parliament</u>

Resources:

5 - Banking Basics

Resources in Maine

JA Ourselves - K

JA Our Families- 1st

JA Our Community - 2nd

JA Our City - 3rd

JA Our Region - 4th

JA Our Nation - 5th

JA More Than Money- 3rd - 5th

<u>Credit Abuse Resistance Education</u>

Finance Authority of Maine (FAME)

Machias Savings Bank

Maine Credit Union League

Maine Department of Education

ME Jump\$tart for Personal Financial Literacy

Employment and Income		
Financial Literacy Standards	Sample Lessons/Resources	
By the end of 4th grade students will:	Lesson Plans:	
	K-1 Classroom Economy	
Overall: Use a career plan to develop personal income potential.	K-2 Earning Money Student - Teacher	
A. People can earn income in the form of wages, salaries	K-2 Working Hard for a Living	
and tips.	K-2 How Do You Get Money?	
B. Workers can improve their ability to earn income by	1 - My Money	
gaining new knowledge, skills and experiences.	1 - <u>Career Paths in My Community</u>	
C. Many workers receive employee benefits in addition to	2-3 <u>Classroom Economy</u>	
their pay.	3 - Money for Entrepreneurs	
D. Entrepreneurs, who work for themselves by starting new	3-5 Money Doesn't Grow on Trees	
businesses, hope to earn a profit, but accept the risk of a	3-5 <u>I Can Be An Entrepreneur</u>	
loss if unsuccessful.	3-5 Allowances & Spending Plans	
	<u>Teacher</u> - <u>Student</u>	
Standard 1. Explore job and career options.	4-5 <u>Hands on Banking</u> p. 8-20	
	4-5 <u>Classroom Economy</u>	
A. Explain the difference between a career and a job.	5 - <u>Career Activities - Math</u>	
B. Identify various jobs within a specific career.	5 - <u>Career Activities - ELA</u>	
C. Give an example of how an individual's interests,		
knowledge and abilities can affect job and career choice.	Lesson Plan Centered Around a Book	
D. Give examples of careers related to a personal interest.	K - <u>Pitching in for Eubie</u>	
E. Examine jobs related to a career of interest.	1 - <u>Jobs</u>	
F. Give examples of local entrepreneurs.	1-2 - Money Mania	
	3 - <u>Labor, Choice, and Sales Tax</u>	
Standard 2. Compare sources of personal income and	3 - Wealth	
compensation.	3 - <u>Taxes - Social Studies</u>	
1	3-5 Entrepreneur and Inventions	
A. Identify jobs children can do to earn money.	3-5 <u>Uncle Jed's Barbershop</u>	
B. Explain the difference between a wage and a salary.	4 - The Role of Money	
C. Give examples of sources of income other than a wage or	4 - Earning An Income	
salary.	5 - Starting Your Own Business	
Standard 2 Analysis factors that affect not income	Games/Activities:	
standard 3. Analyze factors that affect net income.	K-2 You Will Be A Star	
A No Ath Canda Dan - bree sed -	K-2 Rich Kid Smart Kid - Jesse's Ice	
A. No 4th Grade Benchmarks	<u>Cream Stand</u>	
	K-2 FAME's Cash & Max	
	1. Coloring Books	
	2. Teaching Guide	
	3-5 Rich Kid Smart Kid - Jesse's Ice	
	Cream Stand	
	Ciedin Sidid	

K-4: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making 5-8: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making 9-Grad: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making 3-5 FAME's Cash and Max 1. Workbook 2. Teaching Guide 4-6 EverFi's Free Online Course - Vault 5 - Getting Down To Business 5 - Hello Working World 5 - Family Income Resources: K-8 Money Book List Resources in Maine JA Ourselves - K JA Our Families- 1st JA Our Community - 2nd JA Our City - 3rd JA Our Region - 4th <u>JA Our Nation - 5</u>th JA More Than Money- 3rd - 5th Finance Authority of Maine (FAME) Machias Savings Bank Maine Credit Union League Maine Department of Education ME Jump\$tart for Personal Financial Literacy Investing Financial Literacy Standards Sample Lessons/Resources By the end of 4th grade students will: Lesson Plans: 3-5 Savings & Investing Teacher - Student Overall: Implement a diversified investment strategy that is 3-5 How The Economy Works compatible with personal financial goals. 3-5 A Lesson on U.S. Savings Bonds 4-5 Hands on Banking p. 35-60 4-5 Cyber Currency, Currently A. Investing means putting money to work to earn more 5 - Stock Market Pie money for the future. B. Compound interest is money earned on both principal Lesson Plan Centered Around a Book: and previously earned interest. 5 - Saving & Investing C. People invest for future financial goals. D. People use deposit accounts at financial institutions to Games/Activities: keep money safe while it earns interest and remains K-2 FAME's Cash & Max easily available. 1. Coloring Books E. Every investment decision has alternatives, 2. Teaching Guide consequences and opportunity costs. 3-5 FAME's Claim Your Future Game 3-5 FAME's Cash and Max

Standard 1. Explain how investing may build wealth and help meet financial goals.

- A. Describe reasons for investing.
- B. Calculate simple interest earnings.
- C. Calculate compound interest earnings.
- D. Explain the benefit of a compound rate of return.

Standard 2. Evaluate investment alternatives.

- A. Give an example of an investment that allows relatively quick and easy access to funds (liquidity).
- B. Compare the main features and rates of return on basic deposit accounts at local financial institutions.

Standard 3. Demonstrate how to buy and sell investments.

A. Investigate requirements for purchasing a certificate of deposit.

Standard 4. Investigate how agencies protect investors and regulate financial markets and products.

A. No 4th Grade Benchmarks

- 1. Workbook
- 2. Teaching Guide
- 4-6 EverFi's Free Online Course Vault

Resources:

4 - Stock Up - Teacher - Student

Resources in Maine

JA More Than Money- 3rd - 5th Finance Authority of Maine (FAME) Machias Savings Bank Maine Credit Union League Maine Department of Education ME Jump\$tart for Personal Financial Literacy

Risk Management and Insurance

Financial Literacy Standards Sample Lessons/Resources

By the end of 4th grade students will:

Overall: Apply appropriate and cost-effective risk management strategies.

- A. Risk is a part of daily life.
- B. People have choices for dealing with risk.

Standard 1. Identify common types of risks and basic risk management methods.

- A. Give examples of risks that individuals and households face.
- B. Estimate the losses and costs associated with certain physical and financial risks.

Lesson Plans:

- 3-5 Private & Personal Information
- 3-5 Talking Safely Online

Lesson Plan Centered Around a Book:

Games/Activities:

K-2 FAME's Cash & Max

- 1. Coloring Books
- 2. Teaching Guide
- 3-5 FAME's Cash and Max
 - 1. Workbook
 - 2. Teaching Guide
- 4-6 EverFi's Free Online Course Vault

C. Justify reasons for keeping money in a depository institution.

Standard 2. Justify reasons to use property and liability insurance.

- A. List responsibilities that homeowners and renters have for the safety of other people.
- B. List actions that homeowners and renters can take to reduce physical risks to themselves and others.

Standard 3. Justify reasons to use health, disability, long-term care and life insurance.

A. Justify reasons to have health insurance.

Resources:

4-5 Teaching Health Insurance to Kids

Resources in Maine

JA More Than Money- 3rd - 5th

Finance Authority of Maine (FAME)

Machias Savings Bank

Maine Credit Union League

Maine Department of Education

ME Jump\$tart for Personal Financial Literacy

Financial Decision Making

Financial Literacy Standards

By the end of 4th grade students will:

Overall: Apply reliable information and systematic decision making to personal financial decisions.

- A. Financial choices that people make have benefits, cost and future consequences.
- B. A first step toward reaching financial goals is to identify wants and needs and rank them in order of importance.
- C. Thoughtful decision making can help people make money choices they do not later regret.
- D. Before make a decision, people can compare the advantages and disadvantages of alternative choices.
- E. Information about goods and services comes from many sources.
- F. Advertising may include efforts to persuade people to buy as well as to provide information about the product or service.

Standard 1. Recognize the responsibilities associated with personal financial decisions.

- A. Predict the consequences of spending decisions.
- B. Analyze money-handling decisions that youth commonly face.

Sample Lessons/Resources

- K Money Activities Social Studies
- K-2 That's Not Fair! How Do We Share?
- K-2 Spending Plans Teacher Student
- K-2 Money Smart Children
- K-2 Do You Really Need It?
- K-2 Making Spending Decisions

Teacher - Student

Lesson Plans:

- K-2 What Is Money?
- K-2 How Do You Spend Money Wisely?
- K-2 Needs and Wants
- K-5 Counting Money
- K-5 Elementary Money Skills
- K-5 Kids & Money
- 1 Money Activities Math
- 2 How People Make Things
- 2 Consumer Activities Social Studies
- 3 Budget Activities Math
- 3 Budget Activities ELA
- 3-5 Where Does Your Money Go?
- 3-5 Money Responsibility <u>Teacher</u> -

Student

- 3-5 Money Comes & Goes
- 3-5 Is It Really Worth It?
- 3-5 Comparison Shopping

Teacher - Student

- K-4: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making
- 5-8: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making
- 9-Grad: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making

Standard 2. Use reliable resources when making financial decisions.

- A. Analyze how pre-purchase research affects satisfaction when making a spending decision.
- B. Identify reliable sources of information when comparing products such as a bike.
- C. Discuss ways to verify a claim claim expressed in advertising for an age appropriate product.

Standard 3. Summarize major consumer protection laws.

A. No 4th Grade Benchmarks

Standard 4. Make criterion-based financial decisions by systematically considering alternatives and consequences.

- A. Explain how limited personal financial resources affect the choices people make.
- B. Rank personal wants in order of importance.
- C. Make a decision based on the description of an acceptable outcome.
- D. Devise a plan to achieve a specific, measurable goal.

Standard 5. Apply communication strategies when discussing financial issues.

- A. Analyze how members of previous generations differ in their values and attitudes about money compared to people today.
- B. Demonstrate how to negotiate an acceptable trade of goods and services between family members or friends.

Standard 6. Analyze the requirements of contractual obligations.

- A. Devise an agreement between friends, listing expectations for each person and consequences of breaking the agreement.
- B. Compare product return policies at local retail stores.

Standard 7. Control personal information.

- A. List types of personal information that should not be disclosed to others in person or online.
- B. Apply strategies to protect personal information.

- 3-5 Inventive Incentives
- 3-5 Incentives Influence Us
- 3-5 Believe it or Not
- 4 Money Activities Social Studies
- 4 Money Activities ELA
- 4-5 Hands on Banking p. 20-35
- 5 What is Money?

Lesson Plan Centered Around a Book:

- K All I Really Need!
- K Money Activities ELA
- K-1 Monster Musical Chairs
- K-1 Mad, Mad, Mad, Toy Craze
- K-2 Messy Bessey's Holidays
- K-2 The Wants & Needs of Making A
 Difference
- K-5 Financial Fables Olivia Owl
- 1 It's On Sale
- 1 Wants and Needs
- 1 Money Activities Social Studies
- 1 Money Activities ELA
- 1-3 So Few of Me
- 1-3 Little Hen Makes A Pizza
- 2 Buying
- 2 Scarcity and Choice
- 2 <u>Keeping Track of Our Money</u>
- 2 Savings and Budget
- 3 Mental Money
- 3-5 Have a Good Day Cafe
- 4 <u>Characteristics and Functions of</u>

Money

- 4 Taxes
- 5 Saving & Creating A Personal Budget
- 5 How Do You Spend Your Money

Games/Activities:

- K-2 Trading Post Simulation
- K-2 FAME's Cash & Max
 - 1. Coloring Books
 - 2. Teaching Guide
- K-5 The Mint Fun For Kids
- 3-5 Hands on Banking Instructor Guide
- 3-5 Lemonade Stand
- 3-5 Fifty Nifty Econ Cards
- 3-5 Ben Knows \$

Standard 8. Use a personal financial plan.

- A. Categorize types of household assets.
- B. Explain what it means to inherit something.

- 3-5 Going Camping
- 3-5 FAME's Cash and Max
 - 1. Workbook
 - 2. Teaching Guide
- 3-5 FAME's Claim Your Future Game
- 4-6 EverFi's Free Online Course Vault

Resources:

K - Kiddynomics

K-2 FDIC - Money Smart Guide

K-12 Money As You Grow

3-5 FDIC - Money Smart Guide

Resources in Maine

JA Ourselves - K

JA Our Families- 1st

JA Our Community - 2nd

JA Our City - 3rd

JA Our Region - 4th

JA Our Nation - 5th

JA More Than Money- 3rd - 5th

Finance Authority of Maine (FAME)

Machias Savings Bank

Maine Credit Union League

Maine Department of Education

ME Jump\$tart for Personal Financial Literacy

5-8

Spending and Saving

Financial Literacy Standards

Sample Lessons/Resources

By the end of 8th grade students will:

Overall: Apply strategies to monitor income and expenses, plan for spending and save for future goals.

- A. A spending plan is a guide for deciding how to use income to meet current obligations and future goals.
- B. Spending behaviors and habits affect personal satisfaction.
- C. People perform routine, often daily, tasks to manage

Lesson Plans:

- 4-8 Production Profit & Loss
- 6-8 Saving & Investing For Your Future
- 6-8 Savvy Savers
- 6-8 <u>How Do You Make Your Money Grow</u>
- 6-8 Saving & Investing

Teacher Student PPT

- 6-8 You're Going to College
- 6-8 Money Smart Choices
- 6-8 Saving & Investing in Your Future

- K-4: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making
- 5-8: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making
- 9-Grad: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making
 - money.
 - D. Some payment methods are more expensive than others.
 - E. Every spending and saving decision has an opportunity cost.
 - F. Inflation reduces consumer purchasing power over time.
 - G. Emergency savings can help avoid going into debt.
 - H. Taxes affect disposable income and the total cost of many purchases.

Standard 1. Develop a plan for spending and saving.

- A. Assess how spending priorities reflect goals and values.
- B. Analyze how spending and saving behavior can affect overall well-being.
- C. Discuss the components of a personal spending plan, including income, planned saving and expenses.
- D. Compare saving strategies, including "Pay Yourself First" and comparison shopping.
- E. Compare the advantages and disadvantages of saving for financial goals.
- F. Illustrate how inflation can affect spending power over time.
- G. Justify the value of an emergency fund.
- H. Explain why saving is a prerequisite to investing.

Standard 2. Develop a system for keeping and using financial records.

- A. Prepare a personal property inventory, including descriptions, locations and estimates of value.
- B. Develop a system for organizing personal financial records, both paper and electronic.
- C. Investigate ways to secure vital personal financial data and records.

Standard 3. Describe how to use different payment methods.

- A. Compare and contrast different types of local financial institutions and the services they provide.
- B. Summarize the advantages and disadvantages of checks, stored value cards, debit cards, gift cards and online and mobile payment systems.
- C. Verify sales receipts for accuracy, including calculations,

- 6-8 The Secret to Becoming A Millionaire
- 6-8 Put It In The Bank
- 6-8 Saving & Investing
- 6-8 Climbing the Savings Mountain
- 6-8 <u>Take Charge Today</u> (Need free account)
 - Exploring Values, Needs, and Wants
 - Go For The Goal
 - Electronic Banking Bonanza
 - Checking Account and Debit Card
 Simulation
 - Introduction to Spending Plans
 - Pay Yourself First
 - The Case for Saving
 - <u>Life of...Family Finance</u> <u>Simulations</u>
- 6-12 Types of Savings Accounts

Lesson Plan Centered Around a Book:

Games/Activities:

- 4-6 EverFi's Free Online Course Vault
- 5-6 NGPF Classroom Activities
- 5-12 Financial Football / Financial Soccer
- 6-8 Hit the Road
- 6-8 EverFi's Free Online Course -

<u>FutureSmart</u>

- 6-8 Rich Kid Smart Kid Pay Yourself First
- 6-8 Rich Kid Smart Kid Jesse's Big

Change

- 6-8 Smart Choices
- 6-8 FAME's Claim Your Future Game
- 7-12 Money Magic

Resources:

- 6-8 Saving
- 6-8 NGPF Units
- 6-12 The Basics of Saving & Investing

Resources in Maine

JA Economics For Success

<u>Central Maine Credit Union's Money Market</u> <u>Program</u>

sales tax and any fees.

Standard 4. Apply consumer skills to spending and saving decisions.

- A. Evaluate the relationship between spending practices and achieving financial goals.
- B. Analyze how external factors, such as marketing and advertising techniques, might influence spending decisions for different individuals.
- C. When making a consumer decision, consider a range of spending and non spending alternatives.
- D. Illustrate the effect of inflation on buying power.
- E. Investigate a private charitable organization and its purpose.

<u>Credit Abuse Resistance Education</u>

Finance Authority of Maine (FAME)

JMG's Middle School Program

Machias Savings Bank

Maine Credit Union League

Maine Department of Education

ME Jump\$tart for Personal Financial Literacy

Credit and Debt

Financial Literacy Standards

By the end of 8th grade students will:

Overall: Develop strategies to control and manage credit and debt.

- A. Credit allows borrowers to use big-ticket items while paying for them.
- B. Consumers can choose to borrow from a variety of credit sources.
- C. Comparing the costs and benefits of buying on credit is key to making a good borrowing decision.
- D. For any given loan amount and interest rate, the longer the loan period and the smaller the monthly payment, the larger the total cost of credit.
- E. Sometimes changing circumstances affect people's ability to repay what they have borrowed, which can have consequences such as repossession, garnishment, tarnished borrowing reputation and increased credit costs.

Standard 1. Analyze the costs and benefits of various types of credit.

A. Assess whether a specific purchase justifies the use of

Sample Lessons/Resources

Lesson Plans:

- 6-8 Take It To The Bank
- 6-8 Cash and Credit
- 6-8 Banking Services

Teacher Student PPT

6-8 Credit

Teacher Student PPT

6-8 Credit Cards

Teacher Student PPT

6-8 Cars & Loans

Teacher Student PPT

- 6-8 Thinking About Credit
- 6-8 Using Your Credit
- 6-8 How Credit Affects Your Life
- 6-8 What Does It Mean To Be Wealthy
- 6-8 The Power of Interest
- 6-8 Credit Cards & Debt
- 6-8 Credit & Debt Management
- 6-8 Buy Now and Pay More Later
- 6-8 Is Paying Over Time a Good Idea?
- 6-8 <u>Take Charge Today</u> (Need free account)
 - Exploring Values, Needs, and Wants

- K-4: <u>Spending/Saving</u>; <u>Credit/Debt</u>; <u>Employment/Income</u>; <u>Investing</u>; <u>Insurance</u>; <u>Financial Decision Making</u> 5-8: <u>Spending/Saving</u>; <u>Credit/Debt</u>; <u>Employment/Income</u>; <u>Investing</u>; <u>Insurance</u>; <u>Financial Decision Making</u>
- 9-Grad: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making

credit.

- B. Explain how debit cards differ from credit cards.
- C. Explain how interest rate, compounding frequency and loan length affect the cost of using credit.
- D. Calculate the total cost of repaying a loan under various rates of interest and over different periods.
- E. Discuss potential consequences of using "easy access" credit.
- F. Explain how individuals use debt as an investment.

Standard 2. Summarize a borrower's rights and responsibilities related to credit reports

- Recommend ways that a person can regain a lender's trust after losing or damaging borrowed personal property.
- B. Weigh the potential payoffs of a positive borrowing reputation versus the potential consequences of a poor borrowing reputation.

Standard 3. Apply strategies to avoid or correct debt management problems.

- A. Identify indicators of excessive debt.
- B. Predict possible consequences of excessive debt.
- C. Recommend actions that a borrower could take to reduce or better manage excessive debt.

Standard 4. Summarize major consumer credit laws.

A. No 8th Grade Benchmarks

- Take Charge of Credit Cards
- Major Expenditure Mania

6-12 Money Math

Lesson Plan Centered Around a Book:

6-8 Worth!

Games/Activities:

- 4-6 EverFi's Free Online Course Vault
- 5-8 NGPF Classroom Activities
- 5-12 Financial Football / Financial Soccer
- 6-8 EverFi's Free Online Course -

FutureSmart

- 6-8 Payment Parliament
- 6-8 <u>Rich Kid Smart Kid</u> <u>Reno's Debt</u> Dilemma
- 6-8 FAME's Claim Your Future Game

Resources:

- 6-8 <u>Basic of Building Credit</u> <u>Answers</u>
- 6-8 **Building Wealth**
- 6-8 Banking
- 6-8 Earning Interest
- 6-8 NGPF Units

Resources in Maine

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Employment and Income

Financial Literacy Standards

Sample Lessons/Resources

By the end of 8th grade students will:

Overall: Use a career plan to develop personal income potential.

- A. Income can be earned or unearned.
- B. People can earn income in the form of commissions and rent.

Lesson Plans:

- 6 Classroom Economy
- 6-8 Introducing Entrepreneurs
- 6-8 Invest in Yourself
- 6-8 Making Money

Teacher Student PPT

6-8 <u>Have A Plan Stan</u>

- K-4: <u>Spending/Saving</u>; <u>Credit/Debt</u>; <u>Employment/Income</u>; <u>Investing</u>; <u>Insurance</u>; <u>Financial Decision Making</u> 5-8: <u>Spending/Saving</u>; <u>Credit/Debt</u>; <u>Employment/Income</u>; <u>Investing</u>; <u>Insurance</u>; <u>Financial Decision Making</u>
- 9-Grad: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making
 - C. Interest, dividends, capital gains, profit from a self-owned business and government transfer payments are examples of unearned income.
 - D. Wages and salaries minus payroll deductions equal net income (take-home pay).
 - E. Inflation reduces purchasing power of income as the general price level of goods and services increases.
 - F. Generally, people earn higher incomes with higher levels of education, training and experience.
 - G. Early planning can provide more options to pay for post-secondary training and education.
 - H. People pay taxes on many types of income.

Standard 1. Explore job and career options.

- A. Give an example of how education and training can affect lifetime income.
- B. Match personal skills and interests to various career options.
- C. Compare the education and training requirements, income potential and primary duties of at least two jobs of interest.
- D. Compare the costs of post-secondary education with the potential increase in income from a career of choice.
- E. Devise a strategy to minimize the costs of postsecondary education.
- F. Identify individuals who could provide positive job references. g. Complete an age appropriate, part-time job application.

Standard 2. Compare sources of personal income and compensation.

- A. Explain the difference between earned and unearned income and give an example of each.
- B. Give an example of a situation that qualifies for a government transfer payment.
- C. Explore how local government services assist people, such as those who are unemployed, elderly, disabled or low-income.

Standard 3. Analyze factors that affect net income.

A. Differentiate between a progressive tax and a regressive

- 6-8 Who is Working?
- 6-8 Earning & Spending Money
- 6-8 Reading a Pay Stub
- 6-8 <u>Take Charge Today</u> (Need free account)
 - Introduction to Spending Plans
 - What Does Your Future Hold?
 - The Places You Will Go
 - Paycheck Basics
 - Invest in Yourself: Building Human
 Capital
 - <u>Careers, Careers, and More</u>
 <u>Careers</u>
- 6-12 Money Math
- 7-8 <u>Classroom Economy</u>
- 7-12 Classroom Inflation Auction
- 8 Career Activities Social Studies

Lesson Plan Centered Around a Book:

6-8 A South African Story

Games/Activities:

- 4-6 EverFi's Free Online Course Vault
- 5-8 NGPF Classroom Activities
- 6-8 EverFi's Free Online Course -

<u>FutureSmart</u>

6-8 Rich Kid Smart Kid - Jesse's Ice

Cream Stand

- 6-8 FAME's Claim Your Future Game
- 6-12 Gazillionaire Business Simulation

Resources:

- K-8 Money Book List
- 6-8 Biz Kids Lesson Plans
- 6-8 Choosing a Career
- 6-8 NGPF Units

Resources in Maine

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JA It's My Business!

JA It's My Future

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tax.

- B. Illustrate the relationship between income level and income tax liability.
- C. Identify common types of payroll deductions.
- D. Calculate how payroll deductions affect take home pay.
- E. Summarize Social Security, Medicare and Affordable Care Act benefits.

<u>Maine Department of Education</u>
<u>ME Jump\$tart for Personal Financial Literacy</u>

Investing

Financial Literacy Standards

By the end of 8th grade students will:

Overall: Implement a diversified investment strategy that is compatible with personal financial goals.

- A. One goal of investing is to exceed the effect of inflation on the purchasing power of money over time.
- B. An effective way to build wealth is to begin regular investing at an early age.
- C. Dollar-cost averaging is a strategy that may lower the average price of an investment purchased regularly over time.
- D. Inflation, investment risk, taxes and fees affect the return on an investment.
- E. Determining personal risk tolerance for financial volatility and potential loss is an important investment skill.
- F. Savings accounts, bonds, certificates of deposit and dividend-paying stocks are examples of investments that may produce income.
- G. The earnings from growth investments are realized at the time of sale and may result in a capital gain or loss.
- H. Investments may differ in type of risk, liquidity and opportunity for growth and income.
- Money invested in basic depository accounts, such as saving and checking accounts, is insured up to certain limits by the federal government.
- J. Stocks, bonds, mutual funds and other non-deposit investment products are not guaranteed or insured.
- K. Time value of money calculations compare present and future values of investments by considering several variables such as rate of return, time frame and frequency of payments.

Sample Lessons/Resources

Lesson Plans:

- 6-8 Saving & Investing For Your Future
- 6-8 How Do You Make Your Money Grow
- 6-8 Saving & Investing

Teacher Student PPT

- 6-8 You're Going to College
- 6-8 Money Smart Choices
- 6-8 Saving & Investing in Your Future
- 6-8 Why Does Money Have Value
- 6-8 Saving & Investing
- 6-8 The Stock Market: Risk & Rewards
- 6-8 <u>Take Charge Today</u> (Need free account)
 - Checking Out Depository Institutions
 - Investing with Lawn Boy

6-12 Money Math

- 7 Price/Earnings Ratio
- 7 Stock Purchases & Commission
- 7 Investing Activities Math

Lesson Plan Centered Around a Book:

Games/Activities:

- 4-6 EverFi's Free Online Course Vault
- 5-8 NGPF Classroom Activities
- 6-8 EverFi's Free Online Course -

FutureSmart

- 6-8 <u>Build A Million (Must create free</u> account)
- 6-8 Professor Finance & Fed Boy
- 6-8 FAME's Claim Your Future Game

Standard 1. Explain how investing may build wealth and help meet financial goals.

- A. Explain how rate of return, frequency of compounding, taxes and inflation can affect changes in investment returns.
- B. Devise an investment plan for accumulating money for a major expense such as a college education or the down payment on a car.
- C. Compare gambling and other games of chance with investments as a means of building wealth.
- D. Define the time value of money and explain how money invested regularly over time may grow exponentially.
- E. Calculate and compare the time value of money in the following situations.
 - Given a rate of return and number of years, calculate the future value of a lump sum investment.
 - Given a rate of return and number of years, calculate the lump sum amount an investor must invest today to reach a specific financial goal at a future date.
 - Given a rate of return, number of years and frequency of periodic payments, calculate the end (future) value of an investment.
 - Given a rate of return, number of years and frequency of payments, calculate the periodic payment amount needed to reach a specific investment goal

Standard 2. Evaluate investment alternatives.

- A. Explain the difference between stocks and bonds.
- B. Give examples of investments for current income and investments for future growth.
- C. Compare investing in individual stocks and bonds with investing in mutual funds and exchange traded funds.
- D. Use online data to compare investment performance of selected mutual funds and exchange-traded funds over different time periods.
- E. Discuss the potential benefits of a long-term investing strategy.
- F. Suggest types of investments appropriate for people

Resources:

6-8 Investing Money

6-8 Investing in Your Future

6-8 Investing Truths

6-8 NGPF Units

6-12 The Basics of Saving & Investing

6-12 Investing Resources

6-12 Stock Market Resources

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- who have a low risk tolerance for investment volatility.
- G. Illustrate the benefits of tax-advantaged investments for young people.
- H. Select appropriate investments for accumulating money for a major financial goal such as a college education.

Standard 3. Demonstrate how to buy and sell investments.

- A. Demonstrate how to open a basic deposit account at a financial institution or brokerage firm.
- B. Explain how stock markets facilitate the buying and selling of securities.
- C. Interpret the financial market price quotations of a stock, a mutual fund and an exchange-traded fund.
- D. Describe how to buy and sell individual stocks, mutual fund shares and exchange-traded fund shares.
- E. Discuss reasons why some investors sell stocks when the stock market is falling (panic selling) and buy when prices are rising (exuberant buying).
- F. Calculate the average cost per share of an investment using a dollar cost averaging strategy

Standard 4. Investigate how agencies protect investors and regulate financial markets and products.

- A. Research federal government depository insurance coverage and limits related to consumer bank and credit union accounts.
- B. Explain how federal and state regulators help protect investors

Risk Management and Insurance

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	Financial Liferacy Standards	Sample Lessons/Resources

By the end of 8th grade students will:

Overall: Apply appropriate and cost-effective risk management strategies.

- A. Risk management strategies include avoidance, control and reduction, transfer through insurance and acceptance.
- B. Risk of financial loss is a reality for all consumers.

Lesson Plans:

6-8 Scams & Schemes

6-8 In Trouble

Teacher Student PPT

6-8 Insurance

6-12 Money Math

Lesson Plan Centered Around a Book:

Standard 1. Identify common types of risks and basic risk management methods.

- A. Give examples of how people manage the risk of financial loss through avoidance, acceptance, control and reduction and transfer through insurance.
- B. Predict the consequences of accepting risk with insufficient or no insurance.
- C. Illustrate how to use insurance to share the risk of financial loss.
- D. Discuss factors that affect insurance premiums.
- E. Investigate a specific product safety recall.

Standard 2. Justify reasons to use property and liability insurance.

- A. Investigate the use of liability insurance to cover accidental bodily harm or damage to another person's property.
- B. Categorize the kinds of expenses that typical auto insurance policies cover.
- C. Categorize the kinds of expenses that typical renters' policies and typical homeowners' policies cover

Standard 3. Justify reasons to use health, disability, long-term care and life insurance.

A. Categorize the kinds of expenses that health insurance can cover.

Games/Activities:

5-8 NGPF Classroom Activities

Resources:

- 4-6 EverFi's Free Online Course Vault
- 5-8 <u>Renters and Homeowners Insurance</u> -

Article with Q&A

6-8 EverFi's Free Online Course -

FutureSmart

- 6-8 Types of Insurance
- 6-8 NGPF Units

Resources in Maine

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Financial Decision Making

Financial Literacy Standards Sample Lessons/Resources

By the end of 8th grade students will:

Overall: Apply reliable information and systematic decision making to personal financial decisions.

- A. A systematic decision-making model may include:
 - Identify the issue and desired outcome
 - Compare alternatives and consequences
 - Choose an alternative take action

Lesson Plans:

- 5-8 A Yen to Trade
- 6 Consumer Activities Social Studies
- 6 Consumer Activities ELA
- 6 Budget Activities Math
- 6-8 Where Does Your Money Go?
- 6-8 Making Decisions

Teacher Student PPT

6-8 The Art of Budgeting

- K-4: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making
- 5-8: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making
- 9-Grad: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making
 - Evaluate results
 - B. Every spending decision has an opportunity cost.
 - C. Attitudes and values affect financial decisions.
 - D. A key to financial well-being is to spend less than one earns.
 - E. Buyers should not rely on advertising claims as the sole source of information about goods and services.
 - F. Savvy consumers use comparison shopping methods, such as gathering price and quality information in advance, as well as at point-of-purchase.
 - G. Buyers may resolve problems with goods and services through formal complaint procedures.

Standard 1. Recognize the responsibilities associated with personal financial decisions.

- A. Analyze money-handling decisions that young adults commonly face.
- B. Compare the benefits of financial responsibility with the consequences of financial irresponsibility.
- C. Predict how influences such as current fashion trends, peer pressure and procrastination can affect financial decisions.

Standard 2. Use reliable resources when making financial decisions.

- A. Analyze the strengths and weaknesses of various online and printed sources of product information.
- B. Devise a way to test an advertising claim.
- C. Determine whether information sources are accurate and reliable when comparing products and services.
- D. Describe a process for making a consumer decision by combining pre-purchase information with point-of-purchase information, such as unit price data and discounts.
- E. Investigate types of consumer fraud, including online scams and phone solicitations.

Standard 3. Summarize major consumer protection laws.

- A. Give examples of behaviors that make consumers vulnerable to fraud.
- B. Describe the consumer protection agencies and their

Teacher Student PPT

6-8 Living on Your Own

<u>Teacher</u> <u>Student</u> <u>PPT</u>

6-8 Buying a Home

Teacher Student PPT

- 6-8 Are You Financially Literate
- 6-8 What's Your Money Personality
- 6-8 How to Achieve Your Financial Goals
- 6-8 Money Smart Teens
- 6-8 Money Math Taxes
- 6-8 Money Math Budget
- 6-8 Personal Budget Planning
- 6-8 **Budgeting**
- 6-8 What Does The Nation Consume?
- 6-8 How To Set Up A Budget
- 6-8 What Is The Cost of Cool
- 6-8 The Influence of Advertising

 <u>Teacher Student PPT</u>
- 6-8 Consumer Awareness

Teacher Student PPT

6-8 Consumer Privacy

<u>Teacher</u> <u>Student</u> <u>PPT</u>

- 6-8 What's Your Angle
- 6-8 Trade Offs & Opportunity Cost
- 6-8 Sand Art Brownies
- 6-8 <u>Supply & Demand, Lessons From Toy</u>
 <u>Fads</u>
- 6-8 Did You Get The Message
- 6-8 Identify Theft & Fraud
- 6-8 What Can I Afford
- 6-8 Scarcity, Choice, and Decisions
- 6-8 <u>Take Charge Today</u> (Need free account)
 - Exploring Values, Needs, and Wants
 - Making Wise Decisions
 - Go For The Goal
 - Fake News
 - Introduction to Spending Plans
 - Does Money Grow on Trees?
 - Comparison Shopping Splendor
 - Digital Citizenship
 - <u>Life of...Family Finance</u> Simulations

- K-4: <u>Spending/Saving</u>; <u>Credit/Debt</u>; <u>Employment/Income</u>; <u>Investing</u>; <u>Insurance</u>; <u>Financial Decision Making</u> 5-8: <u>Spending/Saving</u>; <u>Credit/Debt</u>; <u>Employment/Income</u>; <u>Investing</u>; <u>Insurance</u>; <u>Financial Decision Making</u>
- 9-Grad: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making
 - responsibilities in one's state and community.
 - C. Give examples of unfair or deceptive business practices that consumer protection laws prohibit.
 - D. Outline the information needed to resolve a specific consumer complaint.

Standard 4. Make criterion-based financial decisions by systematically considering alternatives and consequences.

- A. Apply systematic decision making to setting and achieving financial goals.
- B. Prioritize personal financial goals.
- C. Determine the cost of achieving a financial goal.
- D. Evaluate the results of a financial decision.
- E. Give examples of how decisions made today can affect future opportunities.

Standard 5. Apply communication strategies when discussing financial issues.

- A. Analyze how discussing important financial matters with household members can help reduce conflict.
- B. Assess differences among peer values and attitudes about money.
- C. Demonstrate how to negotiate a fee for services such as babysitting or lawn care.

Standard 6. Analyze the requirements of contractual obligations.

- A. Categorize the types of rights and responsibilities typically found in employee handbooks.
- B. Devise a family agreement that establishes the terms of use of a personal cell phone or the family car.

Standard 7. Control personal information.

- A. Investigate ways that thieves fraudulently obtain personal information.
- B. Predict problems that might occur to a victim of identity theft.
- C. Apply strategies for creating and maintaining strong online passwords.
- D. Recommend ways to use social media safely.

6-12 Money Math

- 7 Consumer Activities Social Studies
- 8 Economic Activities Math
- 8 Economic Activities ELA
- 8-12 Cars & Condos: Budgeting Income

Lesson Plan Centered Around a Book:

Games/Activities:

- 4-6 EverFi's Free Online Course Vault
- 5-8 NGPF Classroom Activities
- 5-12 Financial Football / Financial Soccer
- 6-8 Hit the Road
- 6-8 EverFi's Free Online Course -

FutureSmart

- 6-8 Your Budget Plan
- 6-8 <u>Hands on Banking</u> <u>Instructor Guide</u>
- 6-8 Moneytopia
- 6-8 The Mint Tips For Teens
- 6-8 Sim Lemonade Millionaire
- 6-8 Fifty Nifty Econ Cards
- 6-8 The Bean Game
- 6-8 Graphing Price Changes
- 6-8 The Price is Correct
- 6-8 FTC You Are Here
- 6-8 FAME's Claim Your Future Game
- 7-12 Gen I Revolution
- 7-12 Money Magic

Resources:

- K-12 Money As You Grow
- 6-8 A Kid's Guide to Money
- 6-8 FDIC Money Smart Guide
- 6-8 Inflation Calculator
- 6-8 Reality Check
- 6-8 Money Basics Tutorials
- 6-8 Finance Videos
- 6-8 Budget Basics Worksheet
- 6-8 Spending Plan Success
- 6-8 Spending Choices
- 6-8 Spendster
- 6-8 NGPF Units

Resources in Maine

Standard 8. Use a personal financial plan.

- A. Differentiate between assets and liabilities.
- B. Construct a student's net worth statement.

JA Economics For Success

JA It's My Future

JA It's My Business

JA Global Marketplace

Finance Authority of Maine (FAME)

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Maine Credit Union League

Maine Department of Education

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9-Graduation

Spending and Saving

Financial Literacy Standards

By time they graduate students will:

Overall: Apply strategies to monitor income and expenses, plan for spending and save for future goals.

- A. Wealth consists of accumulated assets that represent positive net worth.
- B. Certain expenses, such as home loan interest and charitable donations, might be tax deductible.

Standard 1. Develop a plan for spending and saving.

- A. Use a plan to manage spending and achieve financial goals.
- B. Specify how monetary and non-monetary assets can contribute to net worth.
- C. Analyze how changes in life circumstances can affect a personal spending plan.
- D. Investigate changes in personal spending behavior that contribute to wealth building.
- E. Determine how charitable giving fits into a spending plan.

Standard 2. Develop a system for keeping and using financial records.

A. Investigate account management services that financial institutions provide.

Sample Lessons/Resources

6-12 Money Math

Lesson Plans:

- 6-12 The Basics of Saving & Investing
- 6-12 Types of Savings Accounts
- 9 Saving Activities Math
- 9-12 Saving for a Rainy Day

 <u>Teacher Student</u>
- 9-12 Can You Afford to Retire?
- 9-12 Saving & Investing
- 9-12 Building Wealth
- 9-12 The Great Depression
- 9-12 Online & Mobile Banking
- 9-12 Saving Basics
- 9-12 Personal Finance
- 9-12 Making Personal Finance Decisions
- 9-12 <u>Take Charge Today</u> (Need free account)
 - Introductions to Depository
 Institutions
 - The Basics of Taxes
 - Statement of Financial Position
 - Income and Expense Statement
 - Spending Plans
 - Assessment: My Money
 Management Guide
 - Choose to Save
 - <u>Time Value of Money Math</u>

- K-4: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making 5-8: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making
- 9-Grad: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making
 - B. Differentiate between an expense that is tax deductible and one that is not.
 - C. Devise a system to retain evidence of tax-deductible expenditures.
 - D. Investigate the records required to claim possible tax credits.

Standard 3. Describe how to use different payment methods.

- A. Summarize the risks and protections of checks, stored value cards, debit cards, gift cards and online and mobile payment systems.
- B. Compare the features and costs of personal checking accounts offered by different financial institutions.
- C. Compare the features and costs of online and mobile bill payment services offered by different institutions.
- D. Compare the costs of cashing a check with various third parties, such as a bank or credit union, check-cashing services and retail outlets.
- E. Demonstrate how to schedule and manage bill payments.
- F. Write a check.
- G. Reconcile a checking account.
- H. Explain how to verify printed and online account statements for accuracy.

Standard 4. Apply consumer skills to spending and saving decisions.

- A. Demonstrate how to use comparison shopping skills to buy and finance a car.
- B. Compare the advantages and disadvantages of owning a house versus renting.
- C. Research the average costs of all expenses associated with a four-year college education, a wedding and a new versus used car.
- D. Evaluate specific charities based on purpose, management, outcomes or results and reputation.

- <u>Major Expenditures: Housing,</u>
 <u>Transportation, and Food</u>
- Assessment: Purchasing an Automobile
- Assessment: Finding an Apartment
- 11-12 Saving & Investing

Lesson Plan Centered Around a Book:

Games/Activities:

- 5-12 Financial Football / Financial Soccer
- 7-12 Money Magic
- 9-12 Rich Kid Smart Kid Pay Yourself

First

- 9-12 Rich Kid Smart Kid Jesse's Big Change
- 9-12 FAME's Claim Your Future Game
- 9-12 The Payoff
- 9-12 <u>Payback</u>
- 9-12 <u>Spent</u>
- 9-12 The Uber Game
- 9-12 EverFi's Free Online Course -

Financial Literacy

- 9-12 Financial Fitness Fairs
- 9-12 NGPF Classroom Activities
- 9-12 CREATE: A Salary-Based Budget
- 9-12 INTERACTIVE: Get Basic with

OnlineBank Sim

9-12 CALCULATE: Reconcile Your

Checkbook

9-12 INTERACTIVE: Basic Banking

<u>Activities</u>

- 9-12 PROJECT: Buying a Used Car
- 9-12 Online & Mobile Banking
- 9-12 Saving Basics
- 9-12 NGPF Units

Resources:

- 9-12 Money Talks Should I Be Banking
- 9-12 Better Money Habits Saving
- 9-12 Your Spending, Your Saving, Your

Future

	Resources in Maine
	JA Personal Finance
	Bangor Savings Bank
	Credit Abuse Resistance Education
	Finance Authority of Maine (FAME)
	JMG's High School Program
	Machias Savings Bank
	Maine Credit Union League
	Maine Department of Education
	ME Jump\$tart for Personal Financial Literacy
Credit and Debt	
Financial Literacy Standards	Sample Lessons/Resources
By time they graduate students will:	Lesson Plans:
	6-12 Money Math
Overall: Develop strategies to control and manage credit and	6-12 So How Much Are You Really Paying
debt.	For That Loan?
	7-12 The Business of Interest
A. Leasing, borrowing to buy and rent-to-own options have	7-12 Pay Credit When Credit is Due
different contract terms and costs.	7-12 The Business of Credit
B. Credit cost disclosure information is useful in managing	9-10 Earning Interest
borrowing expense.	9-12 Should I Use Cash or Credit
C. Consumers with excessive debt can work directly with	9-12 How Credit Affects Your Life
lenders to regain control, with options that include loan	9-12 Researching & Buying A Car
consolidation and renegotiation of repayment schedules,	<u>Teacher</u> <u>Student</u>
rather than by paying a third-party "credit repair"	9-12 Financing Your Education
company.	<u>Teacher</u> <u>Student</u>
D. Bankruptcy provides debt relief, but has serious negative	9-12 Why Credit Matters
consequences.	<u>Teacher</u> <u>Student</u>
E. Credit bureaus maintain credit reports, which record	9-12 Selecting a Banking Partner
borrowers' histories of repaying loans.	<u>Teacher</u> <u>Student</u>
F. Negative information in credit reports can affect a	9-12 Using Credit Wisely
person's credit score and financial options.	<u>Teacher</u> <u>Student</u>
G. Federal and state laws and regulations offer specific	9-12 The Danger of Debt
protections for borrowers.	<u>Teacher</u> <u>Student</u>
H. Lenders sometimes request collateral to secure a loan.	9-12 A House to Call Your Own
I. Debt reduces net worth.	<u>Teacher</u> <u>Student</u>
J. Credit allows businesses to leverage assets for current	9-12 Interest and Investments
operations and future expansion.	<u>Teacher</u> <u>Student</u>
	9-12 Banks & Credit Unions
Standard 1. Analyze the costs and benefits of various types of	9-12 Are You Creditworthy
credit.	9-12 My Credit Rating: Why Should I Care
	9-12 Credit Score

- K-4: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making 5-8: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making 9-Grad: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making
 - A. Compare the cost of borrowing \$1,000 by means of different consumer credit options.
 - B. Explain how credit card grace periods, methods of interest calculation and fees affect borrowing costs.
 - C. Categorize the types of information needed when applying for credit.
 - D. Compare the total cost of reducing a credit card balance to zero with minimum vs above-minimum payments, all other terms being equal and no further purchases being made.
 - E. Decide the most cost-effective option for paying for a car.
 - F. Differentiate among various types of student loans and alternatives as a means of paying for post-secondary education.
 - G. Predict the potential consequences of deferred payment of student loans.
 - H. Differentiate between adjustable- and fixed-rate mortgages.
 - I. Explain the effect of debt on a person's net worth.
 - J. Explain how business owners use debt as leverage.

Standard 2. Summarize a borrower's rights and responsibilities related to credit reports

- A. Summarize online information about the Fair Credit Reporting Act.
- B. Explain the value of credit reports to borrowers and to lenders.
- C. Give examples of permissible uses of a credit report other than granting credit.
- D. Identify the primary organizations that maintain and provide consumer credit records.
- E. Categorize the information in a credit report and how long it is retained.
- F. Explain the rights that people have to examine their credit reports.
- G. Investigate ways that a negative credit report can affect a consumer's financial options.
- H. Outline the process of disputing inaccurate credit report data.
- I. Summarize factors that affect a particular credit scoring system.
- J. Analyze how a credit score affects creditworthiness and the cost of credit.

- 9-12 Before You Choose a Credit Card
- 9-12 Extra Credit: It's No Fairy Tale
- 9-12 Let's Get Financially Focused
- 9-12 Finance and Responsible Lending
- 9-12 Filling Empty Pockets
- 9-12 The Fine Print: Credit Report
- 9-12 Making Personal Finance Decisions
- 9-12 COMPARE: Auto Loans
- 9-12 COMPARE: Select the Right Auto Financing
- 9-12 <u>ANALYZE: Understanding</u> Amortization
- 9-12 <u>CALCULATE: Impact of Credit Score</u> on Loans
- 9-12 RESEARCH: Fair Credit Reporting
 Act Web Quest
- 9-12 QUESTION OF THE DAY: What percent of millennials are declined for credit each year?
- 9-12 QUESTION OF THE DAY: How much will an Excellent credit score save you on a \$25,000 auto loan?
- 9-12 PROJECT: Do-It-Yourself Debt Relief
- 9-12 Credit History & Reports
- 9-12 Credit Scores
- 9-12 Repaying Your Student Loans
- 9-12 Personal Finance
- 9-12 <u>Take Charge Today</u> (Need free account)
 - Credit Reports and Scores
 - Credit Basics
 - <u>Understanding Credit Cards</u>
 - Protecting Yourself from Fraud: Identity Theft
 - <u>Major Expenditures: Housing,</u>
 <u>Transportation, and Food</u>
 - Assessment: Purchasing an Automobile
- 10 <u>Loan Activities ELA</u>11-12 <u>Earning Interest</u>

Lesson Plan Centered Around a Book:

Games/Activities:

Standard 3. Apply strategies to avoid or correct debt management problems.

- A. Develop a personal financial plan to manage debt, including working directly with lenders.
- B. Examine the types of services that consumer credit counseling agencies offer.
- C. Investigate the purpose of bankruptcy and its possible negative effects on assets, employability and credit cost and availability.
- D. Investigate how student loan obligations differ from other kinds of debt.
- E. Research a financial institution's debt reduction services.

Standard 4. Summarize major consumer credit laws.

- A. Summarize online information about the Equal Credit Opportunity Act.
- B. Research online information about consumer credit rights available from the Federal Trade Commission.
- C. Give examples of how the Consumer Financial Protection Bureau (CFPB) protects borrowers and provides information about credit issues.
- D. Research state agencies with responsibility for consumer protection.
- E. Describe debtors' and creditors' rights related to wage garnishment and repossession when an overdue debt is not paid.
- F. Give examples of legal and illegal debt collection practices covered by the Fair Debt Collection Practices Act.

- 5-12 Financial Football / Financial Soccer
- 9-12 The Card Game
- 9-12 Secret History of the Credit Card
- 9-12 Maxed Out (Documentary)
- 9-12 <u>Rich Kid Smart Kid</u> <u>Reno's Debt</u> Dilemma
- 9-12 Car Loan Project
- 9-12 <u>It Adds Up</u>
- 9-12 Shady Sam: Loan Shark
- 9-12 FAME's Claim Your Future Game
- 9-12 EverFi's Free Online Course -

Financial Literacy

- 9-12 Financial Fitness Fairs
- 9-12 NGPF Classroom Activities

Resources:

- 9-12 Money Talks Should I Be Charging
- 9-12 Better Money Habits Credit
- 9-12 Better Money Habits Debt
- 9-12 <u>Better Money Habits</u> <u>Home Buying</u> & <u>Renting</u>
- 9-12 Better Money Habits Car Buying
- 9-12 <u>Better Money Habits</u> <u>Personal</u> Banking & Security
- 9-12 <u>Better Money Habits</u> <u>Paying for</u> College
- 9-12 <u>Debt-slapped Paying for college</u>
- 9-12 FTC Credit & Loans
- 9-12 FTC Dealing with Debt
- 9-12 FTC Home Loans
- 9-12 NGPF Units

Resources in Maine

JA Personal Finance

Bangor Savings Bank

Central Maine Credit Union

- 1. Your Credit Report
- 2. Afford a Loan

Credit Abuse Resistance Education

Finance Authority of Maine (FAME)

JMG's High School Program

Machias Savings Bank

Maine Credit Union League

Maine Department of Education

	1			
	ME Jump\$tart for Personal Financial Literacy			
Employment and Income				
Financial Literacy Standards	Sample Lessons/Resources			
By the time they graduate students will:	Lesson Plans:			
Overall: Use a career plan to develop personal income potential.	6-12 Money Math 7-12 Could You Start A Business 7-12 Classroom Inflation Auction			
 A. Choices people make about their education and skill development can affect their future earning capability and job satisfaction. 	9-10 <u>Classroom Economy</u> 9-12 <u>Understanding Your Paycheck</u> 9-12 <u>Making Personal Finance Decisions</u>			
B. The wages or salaries paid for a given job depend on a worker's skills, education and the supply of and demand for qualified workers.	9-12 <u>Taxes: Where Does Your Money Go</u> 9-12 <u>It's Your Paycheck</u> 9-12 Finding the Right Career for You			
C. Social Security and Medicare are examples of government programs that provide insurance against loss of income and benefits to eligible recipients.	Teacher Student 9-12 Understanding Your Take Home Pay Teacher Student			
 D. Deductions, exemptions and tax credits reduce tax liability. 	9-12 <u>The 411 on College Education</u> 9-12 <u>If You're So Smart, Why Aren't You</u>			
E. Employer-sponsored retirement savings plans and health care savings plans enable workers to shift some current income to the future, often with tax advantages.	Rich? 9-12 Entrepreneurship 9-12 Creating a Resume and Cover			
Standard 1. Explore job and career options.	9-12 Work and Income Taxes 9-12 DATA CRUNCH: What's the			
 A. Analyze how economic and other conditions can affect income and career opportunities and the need for lifelong training and education. 	Relationship Between Education and Unemployment? 9-12 ANALYZE: A High School Resume			
Discuss how non-income factors such as child-care options, cost of living and work conditions can influence	and Cover Letter 9-12 ANALYZE: Sample Resume and			
job choice.C. Outline a career plan that aligns with personal interests,financial goals and desired lifestyle.	9-12 CREATE: A Resume and Cover Letter			
 D. Develop a résumé and cover letter for a specific job of interest. 	9-12 PROJECT: Create a Career Roadmap			
 E. Describe the risks, costs and rewards of starting a business. 	9-12 COMPARE: Choosing Between Job Offers			
F. Outline the main components of a business plan.	9-12 INTERACTIVE: Minimum Wage Since 1938			
Standard 2. Compare sources of personal income and compensation.	9-12 QUESTION OF THE DAY: What percent of taxpayers don't know what a W-4 is?			
A. Give examples of employee benefits and explain why they				

- K-4: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making 5-8: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making
- 9-Grad: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making
 - are forms of compensation.
 - B. Differentiate between required employer contributions and additional benefits that an employer might offer.
 - C. Analyze the monetary and non-monetary value of employee benefits in addition to wages and salaries.
 - D. Explain the effect of inflation on income and purchasing power.
 - E. Calculate the future income needed to maintain a current standard of living.
 - F. Identify typical sources of income in retirement.

Standard 3. Analyze factors that affect net income.

- A. Complete IRS form W-4 (Employee's Withholding Allowance Certificate) to determine the optimal amount to withhold for personal income tax.
- B. List circumstances that make it prudent to adjust the income tax withholding allowance.
- C. Differentiate between gross, net and taxable income.
- D. Complete IRS Form 1040EZ, Form 1040 and applicable state income tax forms.
- E. Examine the benefits of participating in employer-sponsored retirement savings plans and health care savings plans.

- 9-12 <u>CALCULATE: How Allowances Affect</u> <u>Your Taxes</u>
- 9-12 CALCULATE: Completing a 1040EZ
- 9-12 Entrepreneurship
- 9-12 <u>Creating a Resume and Cover</u> Letter
- 9-12 Work and Income Taxes
- 9-12 Personal Finance
- 9-12 <u>Take Charge Today</u> (Need free account)
 - Paying Your Income Taxes
 - Invest in Yourself
 - Career Exploration
 - Preparing for Higher Education
 - Planning for Higher Education
 - Paying for Higher Education
 - Get a Job
 - <u>Lifelong Employment</u>
 - Getting Paid
 - Assessment: Career Path Interview
 - <u>Receiving from Family, Friends</u>, and Non-Profits
 - Receiving from Government
 Programs
 - Assessment: Perez Family Case Study

11-12 Income & Careers

11-12 Classroom Economy

Lesson Plan Centered Around a Book:

Games/Activities:

6-12 <u>Gazillionaire - Business Simulation</u>

9-12 Rich Kid Smart Kid - Jesse's Ice

Cream Stand

9-12 Discover Your Financial Identity

9-12 Job Fair Simulation

9-12 <u>Spent</u>

9-12 The Uber Game

9-12 <u>Unemployment in My Hometown</u>

9-12 Compare Employee Benefits

9-12 <u>FAME's Claim Your Future Game</u>

9-12 EverFi's Free Online Course -

K-4: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making 5-8: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making 9-Grad: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making Financial Literacy 9-12 Financial Fitness Fairs 9-12 NGPF Classroom Activities 9-12 DATA CRUNCH: What's the Relationship Between Education and Unemployment? 9-12 ANALYZE: A High School Resume and Cover Letter 9-12 ANALYZE: Sample Resume and Cover Letter 9-12 CREATE: A Resume and Cover Letter 9-12 PROJECT: Create a Career Roadmap

9-12 COMPARE: Choosing Between Job

9-12 INTERACTIVE: Minimum Wage Since 1938

9-12 QUESTION OF THE DAY: What percent of taxpayers don't know what a W-4 is?

9-12 CALCULATE: How Allowances Affect Your Taxes

9-12 CALCULATE: Completing a 1040EZ

Resources:

9-12 Consumer Jungle - Making Money

9-12 FTC Jobs & Making Money

9-12 Money Talks - Should I Be Working

9-12 Better Money Habits - Taxes

9-12 Occupational Outlook Handbook

9-12 FAME's Scholarship Search Tool

9-12 Wealth Care Kit - Income Tax

9-12 JMG Financing College

9-12 NGPF Units

Resources in Maine

JA Personal Finance

JA Career Success

JA Be Entrepreneurial

JA Job Shadow

Bangor Savings Bank

Finance Authority of Maine (FAME)

JMG's High School Program

	Machias Savings Bank
	Maine Credit Union League
	Maine Department of Education
	ME Jump\$tart for Personal Financial Literacy
	-
Investing	
Financial Literacy Standards	Sample Lessons/Resources
By time they graduate students will:	Lesson Plans:
	6-12 <u>Money Math</u>
Overall: Implement a diversified investment strategy that is	6-12 The Basics of Saving & Investing
compatible with personal financial goals.	9-10 Classroom Economy Investing
	9-12 Buy, Sell or Hold?
A. Wealth can increase over time with regular investing and	Teacher Student
frequent compounding.	9-12 A Way to Wealth:
B. A person's tolerance for investment risk can change	<u>Teacher</u> <u>Student</u>
depending on factors such as life circumstances,	9-12 <u>Diversification and Risk</u>
financial goals and economic conditions.	9-12 What Does It Mean To Be Wealthy
C. Asset allocation is a strategy that attempts to balance	9-12 What Does the Fed Do?
risk and reward by selecting among different types of	9-12 <u>Focus on Economic Data</u>
investments according to the investor's risk tolerance,	9-12 <u>Keynes vs. Hayek</u>
goals and investing time frame.	9-12 <u>Can You Afford to Retire?</u>
D. Diversification is a risk management technique that	9-12 Balance of Power
includes owning a variety of investments among various	9-12 Risky Business or Not!
asset classes.	9-12 Opportunity Costs
E. Employees may have investment options through a	9-12 <u>Dividend-Paying Stocks</u>
benefit plan maintained by their employer.	9-12 Saving & Investing
F. Tax-exempt and tax-deferred investments may be	9-12 <u>Building Wealth</u>
important for increasing an investor's total return over	9-12 <u>The Great Depression</u>
time.	9-12 <u>Investment Basics</u>
G. Investor education may help investors take responsibility	9-12 <u>Intro to the Stock Market</u>
to protect themselves from fraud.	9-12 Investment Strategies
H. Government and independent agencies combat fraud	9-12 Investing for Retirement
and oversee various financial services industries.	9-12 Making Personal Finance Decisions
	9-12 DATA CRUNCH: Why Should You
Standard 1. Explain how investing may build wealth and help	Invest When You Are Young?
meet financial goals.	9-12 QUESTION OF THE DAY: At what
	age can recent college grads expect to
A. Compare strategies for investing as part of a	retire?
comprehensive financial plan.	9-12 QUESTION OF THE DAY: What
B. Describe the importance of various sources of income in	percent of Americans are contributing to
retirement, including Social Security, employer-sponsored	<u>a retirement plan (e.g., 401k) offered by</u>
retirement savings plans and personal investments.	their employer?
C. Give examples of how employer matching contributions	9-12 ANALYZE: Investing for Retirement

- K-4: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making
- 5-8: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making
- 9-Grad: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making
 - to employer-sponsored retirement savings plans and vesting schedules affect participating employees.
 - D. Illustrate how the concept of the time value of money applies to retirement planning.
 - E. Compare the consequences of delaying investment for retirement and benefits of investing early.

Standard 2. Evaluate investment alternatives.

- A. Differentiate between diversification and asset allocation.
- B. Identify types of investments appropriate for different objectives such as liquidity, income and growth.
- C. Compare total fees for buying, owning and selling various types of stocks, bonds, mutual funds and exchange-traded funds.
- D. Investigate reasons to use retirement savings plans and health savings accounts.
- E. Compare the advantages of taxable, tax-deferred and tax-advantaged investments for new savers, including Roth IRAs and employer-sponsored retirement vehicles.

Standard 3. Demonstrate how to buy and sell investments.

- A. Give examples of how economic conditions and business factors affect the market value of a stock.
- B. Use various sources of information, including prospectuses, online resources and financial publications to gather data about specific investments.
- C. Devise an evaluation strategy for selecting investments that meet the objectives of a personal financial plan.
- Compare the advantages and disadvantages of buying and selling investments through various channels, including:
 - Direct purchase
 - Employer-sponsored retirement plans
 - Investment professionals
 - Investment clubs
 - Online brokerages.

Standard 4. Investigate how agencies protect investors and regulate financial markets and products.

- A. Identify warning signs of investment fraud.
- B. List steps that can be taken if a consumer is a victim of

- 9-12 CALCULATE: Compound Interest
- 9-12 CALCULATE: Investment Fees
- 9-12 INTERACTIVE: Think You Can Beat the Stock Market?
- 9-12 PROJECT: Joining the Market
- 9-12 <u>ROLEPLAY: Let's Make a Mutual</u> Fund
- 9-12 CASE STUDY: compound My Interest in 401(k)s
- 9-12 Investment Basics
- 9-12 Intro to the Stock Market
- 9-12 Investment Strategies
- 9-12 Investing for Retirement
- 9-12 Personal Finance
- 9-12 <u>Take Charge Today</u> (Need free account)
 - The Fundamentals of Investing
 - Rule of 72
 - Assessment: It's My Life
 - Let's Talk Stocks
 - Assessment: Researching Stocks: A Portfolio Simulation
- 11-12 Saving & Investing

Lesson Plan Centered Around a Book:

Games/Activities:

- 9-12 What is Diversification
- 9-12 Fed Policy: Then & Now
- 9-12 Making it on The Street Student
- 9-12 Money for Nothin' and Bucks for
- Free Student
- 9-12 Chair The Fed
- 9-12 Build Your Stax
- 9-12 <u>Build A Million (Must create free account)</u>
- 9-12 <u>FAME's Claim Your Future Game</u>
- 9-12 The Payoff
- 9-12 EverFi's Free Online Course -

Financial Literacy

- 9-12 Financial Fitness Fairs
- 9-12 NGPF Classroom Activities
- 9-12 <u>DATA CRUNCH: Why Should You</u> Invest When You Are Young?

investment fraud.

- C. Identify the protections provided to investors by the Securities Investor Protection Corporation (SIPC).
- D. Use reputable government and industry sources to locate background information about a local person who sells investments or provides investment advice.
- E. Summarize the types of information, assistance, and protection that individual investors can receive from:
 - Securities and Exchange Commission
 - Financial Industry Regulatory Authority
 - Consumer Financial Protection Bureau
 - State Securities Administrators

9-12 QUESTION OF THE DAY: At what age can recent college grads expect to retire?

9-12 QUESTION OF THE DAY: What percent of Americans are contributing to a retirement plan (e.g., 401k) offered by their employer?

9-12 ANALYZE: Saving for Retirement

9-12 CALCULATE: Compound Interest

9-12 CALCULATE: Investment Fees

9-12 INTERACTIVE: Think You Can Beat the Stock Market?

9-12 PROJECT: Joining the Market

9-12 <u>ROLEPLAY: Let's Make a Mutual</u> Fund

9-12 CASE STUDY: compound My Interest in 401(k)s

Resources:

6-12 Stock Market Resources

9-12 Investor Education Modules

9-12 NGPF Units

Resources in Maine

JA Personal Finance

Finance Authority of Maine (FAME)

JMG's High School Program

Machias Savings Bank

Maine Credit Union League

Maine Department of Education

ME Jump\$tart for Personal Financial Literacy

Risk Management and Insurance

Financial Literacy Standards

By time they graduate students will:

Overall: Apply appropriate and cost-effective risk management

- Strategies.
 - A. Individual actions and circumstances can affect insurance coverage and cost.
 - B. People must weigh the cost and benefits of insurance coverage.

Sample Lessons/Resources

Lesson Plans:

6-12 Money Math

9-12 Renters and Homeowners

Insurance - Article with Q&A

9-12 The World Is A Risky Place

9-12 Smooth Sailing Teacher Student

9-12 Business Ownership

9-12 <u>Diversification and Risk</u>

9-12 Katrina Strikes

- K-4: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making 5-8: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making
- 9-Grad: <u>Spending/Saving</u>; <u>Credit/Debt</u>; <u>Employment/Income</u>; <u>Investing</u>; <u>Insurance</u>; <u>Financial Decision Making</u>
 - C. Online transactions and careless handling of documents can make consumers vulnerable to privacy infringement and identity theft.
 - D. Laws and regulations exist to help protect consumers from unsafe products, unfair practices and marketplace fraud.

Standard 1. Identify common types of risks and basic risk management methods.

- A. Give examples of circumstances in which self-insurance is appropriate.
- B. Evaluate the costs and benefits of an extended warranty.
- C. Recommend insurance for the types of risks that young adults might face.
- D. Investigate consequences of insurance fraud.
- E. Describe the functions of the agency or agencies that regulate insurance in one's state of residence.

Standard 2. Justify reasons to use property and liability insurance.

- A. Differentiate among the main types of auto insurance coverage
- B. List factors that determine auto insurance premiums and the factors that cause them to change.
- C. Determine the legal minimum amounts of auto insurance coverage required in one's state of residence and the recommended optimal amounts.
- D. Calculate payment expected on an auto insurance claim after applying exclusions and deductibles.
- E. Identify the factors that influence the cost of homeowners' insurance.
- F. Analyze the factors that influence the cost of renters' insurance.
- G. Demonstrate how to complete an insurance application.
- H. Demonstrate how to file an insurance claim.

Standard 3. Justify reasons to use health, disability, long-term care and life insurance.

- A. Analyze the conditions under which it is appropriate for young adults to have life, health and disability insurance.
- B. Investigate the requirements for health insurance

- 9-12 Scam-O-Rama
- 9-12 Financial Planning for Catastrophe
- 9-12 Insurance Basics
- 9-12 Car Insurance
- 9-12 <u>Health Insurance</u>
- 9-12 Insurance for Consumers
- 9-12 COMPARE: Personal Risk Factors
- 9-12 PROJECT: Introducing Insurance -

You Be the Teacher

- 9-12 COMPARE: Types of Car Insurance
- 9-12 READ: A Car Insurance Policy
- 9-12 COMPARE: Car INsurance

Comparison Shopping

- 9-12 <u>ROLEPLAY: Completing a Car</u> Insurance Claim
- 9-12 <u>DATA CRUNCH: How Does the Cost</u> of Health Insurance Premiums Vary by <u>Age?</u>
- 9-12 COMPARE: Types of Health

<u>Insurance Plans</u>

9-12 COMPARE: Select a Health

Insurance Plan

- 9-12 Insurance Basics
- 9-12 Car Insurance
- 9-12 Health Insurance
- 9-12 Insurance for Consumers
- 9-12 Personal Finance
- 9-12 <u>Take Charge Today</u> (Need free account)
 - Types of Insurance
 - Major Expenditures: Housing, Transportation, and Food
 - Assessment: Purchasing an Automobile
 - Assessment: Finding an Apartment
 - <u>Life In...Family Finance Simulation</u>
- 10 Risk Activities Math

Lesson Plan Centered Around a Book:

Games/Activities:

9-12 <u>EverFi's Free Online Course</u> -Financial Literacy

CO	vei	αç	je.

- C. Identify government programs that provide financial assistance for income loss due to illness, disability or premature death.
- D. Compare sources of health and disability insurance coverage, including employee benefit plans.
- E. Explain the purpose of long-term care insurance.

- 9-12 The Payoff
- 9-12 Financial Fitness Fairs
- 9-12 NGPF Classroom Activities
- 9-12 COMPARE: Personal Risk Factors
- 9-12 PROJECT: Introducing Insurance -

You Be the Teacher

- 9-12 COMPARE: Types of Car Insurance
- 9-12 READ: A Car Insurance Policy
- 9-12 COMPARE: Car INsurance

Comparison Shopping

9-12 ROLEPLAY: Completing a Car

Insurance Claim

9-12 <u>DATA CRUNCH: How Does the Cost</u> of Health Insurance Premiums Vary by Age?

9-12 COMPARE: Types of Health

<u>Insurance Plans</u>

9-12 COMPARE: Select a Health

<u>Insurance Plan</u>

Resources:

9-12 <u>Consumer Jungle</u> - <u>Protecting Your</u> Future

9-12 Wealth Care Kit - Insurance

9-12 <u>Insurance 101</u>

9-12 <u>Insurance Videos</u>

9-12 NGPF Units

Resources in Maine

JA Personal Finance

Bangor Savings Bank

Central Maine Credit Union

Finance Authority of Maine (FAME)

JMG's High School Program

Machias Savings Bank

Maine Credit Union League

Maine Department of Education

ME Jump\$tart for Personal Financial Literacy

Financial Decision Making

Financial Literacy Standards	Sample Lessons/Resources
By time they graduate students will:	Lesson Plans: 6-12 Money Math

Overall: Apply reliable information and systematic decision making to personal financial decisions.

- A. Financially responsible individuals choose to be accountable for their financial futures.
- B. Circumstances such as illness, divorce, accidents and other life events can affect a person's financial circumstance.
- C. Systematic record keeping is important to efficient money management.
- D. Periodic review of financial goals and actions is important as life circumstances change.
- E. Financial advice is available from a variety of sources, such as libraries, the Internet, friends and professional financial advisors.
- F. A well-written contract protects all parties involved.
- G. A will is a legal declaration of how assets are to be distributed according to a person's final wishes.
- H. A comprehensive personal financial plan may include the following components:
 - Financial goals
 - Spending and saving plan (budget)
 - Cash flow management plan
 - Investing plan
 - Insurance plan
 - Net worth statement
 - Will and estate plan.

Standard 1. Recognize the responsibilities associated with personal financial decisions.

- Discuss how individual responsibility for financial well-being will change over a lifetime with changing life circumstances.
- B. Compare how financial responsibility is different for individuals with and without dependents.
- C. Consider how personal finance decisions might affect others.
- D. Develop a definition of wealth based on personal values, priorities and goals.

Standard 2. Use reliable resources when making financial decisions.

- 7-12 It's Your Future!
- 7-12 Invest in Yourself
- 7-12 The REAL Cost of College
- 8-12 Cars & Condos: Budgeting Income
- 9 Budgeting Activities ELA
- 9 Fraud Activities Social Studies
- 9-12 Why it Pays to be Financially Responsible Teacher Student
- 9-12 Money & Goals Teacher Student
- 9-12 Understanding Taxes & Inflation
 <u>Teacher Student</u>
- 9-12 Know More, No Le\$\$
- 9-12 Katrina's Classroom
- 9-12 Making Personal Finance Decisions
- 9-12 The True Cost of Owning a Car
- 9-12 Power Tools for Building Wealth
- 9-12 Break-Even Point
- 9-12 Revenue, Expenses, and the

Break-Even Point

9-12 Protecting Your Identity

Teacher Student

9-12 Money & Roommates

Teacher Student

9-12 Sharpening Money Decisions

Teacher Student

9-12 Satisfaction Please

Part 1 Part 2 Part 3

- 9-12 Market-Ability
- 9-12 Consumer Product Laws & Agencies
- 9-12 Smart Consumers, Smart Choices
- 9-12 It's About Supply and Demand
- 9-12 CREATE: Your Savings Goals
- 9-12 PROJECT: The Million Dollar

Question: Is the Lottery Good or Bad?

- 9-12 ANALYZE: Understanding Inflation
- 9-12 NUMBER CHUG: Inflation of

Groceries

9-12 PROJECT: Budgeting with

Roommates

9-12 PROJECT: The Real Relationship

Test: Reconcile Your Finances

9-12 THE FINE PRINT: Housing Rental

<u>Agreement</u>

- K-4: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making 5-8: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making 9-Grad: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making
 - A. Evaluate whether financial information is objective, accurate and current.
 - B. Summarize factors to consider when selecting a professional financial advisor.
 - C. Explain why an individual or household may want to consult with an attorney for financial advice or representation.
 - D. Justify reasons to consult with a tax advisor or financial planner.

Standard 3. Summarize major consumer protection laws.

- A. Match state and federal consumer protection laws to descriptions of the issues that they address and the safeguards that they provide.
- B. Research where to find credible sources of up-to-date information about consumer rights and responsibilities.
- C. Investigate sources of assistance in resolving consumer disputes.
- D. Demonstrate formal consumer complaint procedures.

Standard 4. Make criterion-based financial decisions by systematically considering alternatives and consequences.

- A. Describe how inflation affects financial decisions, including the price of goods and services.
- B. Analyze how sales and property taxes affect financial decisions, such as when buying a car or a house.
- C. Develop a backup plan for a specific financial goal when circumstances change, such as from job loss, illness, major gift or inheritance.
- D. Develop a contingency plan to deal with events, such as a car breakdown or a phone loss, that might affect personal finances on short notice.

Standard 5. Apply communication strategies when discussing financial issues.

- A. Assess the value of discussing individual and shared financial responsibilities with a roommate before moving in.
- B. Assess the value of sharing financial goals and personal finance information with a partner before combining households.

9-12 THE FINE PRINT: Credit Card Agreement

- 9-12 <u>THE FINE PRINT: Health Benefits</u> <u>Form</u>
- 9-12 SOFT SKILLS: Conflict Resolution
- 9-12 COMPARE: Forms of Identity Theft
- 9-12 QUESTION OF THE DAY: How much does identity theft cost Americans every year?
- 9-12 QUESTION OF THE DAY: What form of identity theft was most common in 2017?
- 9-12 Personal Finance
- 9-12 Owning a Car
- 9-12 <u>Take Charge Today</u> (Need free account)
 - Advanced Level Course Introduction
 - Money in Your Life
 - Financial Decisions
 - Setting Financial Goals
 - Assessment: A Collage of My Life
 - Savings Tools
 - Smart Consumer Spending
 - Major Expenditures: Housing, Transportation, and Food
 - Assessment: Purchasing an Automobile
 - Assessment: Finding an Apartment
 - Giving to Others
 - Estate Planning
 - Assessment: Live Well, Do Good Things
 - <u>Life In...Family Finance Simulation</u>
- 10 Economic Activities Social Studies
- 11-12 Decision Making & Goals
- 11-12 Money Management

Lesson Plan Centered Around a Book:

Games/Activities:

5-12 <u>Financial Football</u> / <u>Financial Soccer</u> 7-12 <u>Gen I Revolution</u>

- K-4: <u>Spending/Saving</u>; <u>Credit/Debt</u>; <u>Employment/Income</u>; <u>Investing</u>; <u>Insurance</u>; <u>Financial Decision Making</u>
- 5-8: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making
- 9-Grad: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making
 - C. Demonstrate how to negotiate the sales price of a major purchase such as a car or a motorcycle.
 - D. Demonstrate how to negotiate employment conditions or compensation.

Standard 6. Analyze the requirements of contractual obligations.

- A. Point out the factors that make a contract legal and binding.
- B. Summarize the terms of a credit card or other loan agreement.
- C. Summarize the terms of a homeowners' or renters' insurance policy.
- D. Summarize the terms of a health insurance plan.
- E. Summarize tenant and landlord rights and responsibilities that are covered in the terms of a standard apartment lease agreement.
- F. Research the use of small claims court for the redress of a consumer dispute.
- G. Outline the steps to resolve an employee issue with an employer.

Standard 7. Control personal information.

- A. Outline steps to resolve identity theft problems as recommended by the Federal Trade Commission and relevant financial institutions.
- B. List entities that have a right to request certain personal financial data.
- C. Investigate consumer safeguards for mobile and online banking.

Standard 8. Use a personal financial plan.

- A. Illustrate the causes and effects of factors that affect net worth.
- B. Create a cash flow statement to illustrate cash inflows and outflows for a specific period.
- C. Develop a personal financial plan, including goals, spending-and-saving plan, investing plan, insurance plan, a net worth statement and an estate plan.
- Devise a strategy to monitor the personal financial plan and make modifications as needed for changing circumstances.

- 7-12 Money Magic
- 9-12 Budget Builder
- 9-12 The Uber Game
- 9-12 Your Money Matters Identity Theft
- 9-12 Invest in What's Next
- 9-12 <u>Hands on Banking</u> <u>Instructor Guide</u>
- 9-12 FAME's Claim Your Future Game
- 9-12 Payback
- 9-12 <u>Spent</u>
- 9-12 EverFi's Free Online Course -

Financial Literacy

- 9-12 Financial Fitness Fairs
- 9-12 NGPF Classroom Activities
- 9-12 CREATE: Your Savings Goals
- 9-12 PROJECT: The Million Dollar

Question: Is the Lottery Good or Bad?

- 9-12 ANALYZE: Understanding Inflation
- 9-12 <u>NUMBER CHUG: Inflation of</u> Groceries
- 9-12 PROJECT: Budgeting with

Roommates

- 9-12 PROJECT: The Real Relationship
- Test: Reconcile Your Finances
- 9-12 THE FINE PRINT: Housing Rental

Agreement

9-12 THE FINE PRINT: Credit Card

<u>Agreement</u>

9-12 THE FINE PRINT: Health Benefits

<u>Form</u>

- 9-12 Money Magic
- 9-12 SOFT SKILLS: Conflict Resolution
- 9-12 COMPARE: Forms of Identity Theft
- 9-12 QUESTION OF THE DAY: How much does identity theft cost Americans every year?
- 9-12 QUESTION OF THE DAY: What form of identity theft was most common in 2017?

Resources:

- K-12 Money As You Grow
- 9-12 MoneySkill
- 9-12 FDIC Money Smart Guide
- 9-12 <u>Living Wage Calculator</u>
- 9-12 On The Money Magazine

- K-4: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making 5-8: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making 9-Grad: Spending/Saving; Credit/Debt; Employment/Income; Investing; Insurance; Financial Decision Making
 - E. Identify the individuals and charitable organizations that are potential beneficiaries of personal property.
 - F. List the main components of a simple will.
 - G. Identify how money and property will be distributed in one's state of residence when a person dies without a valid will.
 - H. Explain the purpose of a durable power of attorney for health care (living will).

- 9-12 Planning Calculators
- 9-12 Money Talks Should I Be Listening
- 9-12 Your Money Matters
- 9-12 <u>Better Money Habits</u> <u>Money</u> <u>Management</u>
- 9-12 <u>Better Money Habits</u> <u>Families 8</u> <u>Money</u>
- 9-12 Wealth Care Kit Retirement
- 9-12 <u>Consumer Jungle</u> <u>Managing</u> <u>Money</u>
- 9-12 FTC Shopping & Saving
- 9-12 FTC Buying & Owning A Car
- 9-12 FTC Resolving Consumer Problems
- 9-12 FTC Renting & Timeshares
- 9-12 FTC Identity Theft
- 9-12 NGPF Units
- 12 Smart About Money

Resources in Maine

JA Personal Finance

JA Career Success

JA Titan

Bangor Savings Bank

Finance Authority of Maine (FAME)

JMG's High School Program

<u>Machias Savings Bank</u>

Maine Credit Union League

Maine Department of Education

ME Jump\$tart for Personal Financial Literacy