

DESE Model Curriculum

GRADE LEVEL/UNIT TITLE: 11-12/Saving & Investing

Course Code: 034303

CIP Code: 52.0803

COURSE INTRODUCTION:

This is an introductory course for Banking and Financial Support Services which also operates a student bank as the implementation practicum. This course also introduces the student to personal finance, including opening and maintaining a checking account, and credit card pitfalls and proper use, a very important skill for all young adults. It is designed to familiarize the student with all aspects of a typical bank including savings, loans, operations, and audit functions. It also covers the history of banking, the organizational structure, and the operations and marketing of a student bank.

COURSE RATIONALE

Financial literacy is essential in meeting the financial challenges of the 21st Century. The course provides valuable experience in running an actual bank while learning to analyze personal financial decisions, evaluate the costs and benefits of their decisions, recognize the rights and responsibilities as consumers, and apply the knowledge learned in school to financial situations encountered later in life.

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<p>UNIT 12, DESCRIPTION: Explain the power of saving and investing money, describe how businesses make money, understand the risk and potential return in the Investment Stock market. Describe mutual funds, explain the advantage of mutual fund investing, and analyze statistical information. Read and understand Stock Tables and describe the role of a stock holder. The value of long term investment programs.</p>	<p>SUGGESTED UNIT TIMELINE: throughout 2nd half of course</p> <p>CLASS PERIOD (min.): 50 min.</p>					
<p>ESSENTIAL QUESTIONS:</p> <ol style="list-style-type: none"> 1. What is the difference between saving and investing? 2. How does a person know what companies to invest and how to invest considering the risk of losing accumulated wealth? 3. How do I apply a basic knowledge of choosing saving versus investments given market risk, inflation risk, interest rate risk, liquidity issues, and how much do I need to start investing? 						
ESSENTIAL MEASURABLE LEARNING OBJECTIVES	CCSS LEARNING GOALS (Anchor Standards/Clusters)	CROSSWALK TO STANDARDS				
		GLEs/CLEs	PS	CCSS	OTHER	DOK
<p>1. Illustrate the power of compounding and the damage of inflation?</p>					<p>PF.IV.1 PF.IV.2 PF.IV.3 PF.IV.4 MNGT.II.1 MNGT.II.2 MNGT.IV.1 MNGT.IV.2 MNGT.IV.3</p>	<p>3</p>
<p>2. Describe and illustrate the characteristics of Stock Funds, Government and Corporate Bond Funds, and others.</p>				<p>RI.11-12.3 RI.11-12.4 RST.11-12.3 RST.11-12.4</p>	<p>ECON.II.1 ECON.II.2 ECON.II.3-4 PF.IV.1</p>	<p>3</p>

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				RST.11-12.7	PF.IV.2 PF.IV.3 PF.IV.4	
3. Learn about managed Funds (mutual funds) versus Indexed Funds				RI.11-12.3 RI.11-12.4 RST.11-12.3 RST.11-12.4 RST.11-12.7	PF.V.1 PF.V.2 PF.V.3 PF.V.4	2
4. Introduce safety and risk of the Stock Market, and selecting an investment strategy appropriate for individual circumstances.					PF.V.1 PF.V.2 PF.V.3 PF.V.4 PF.IV.2	2
5. Explain stock investment basics and the ways to invest in the Stock Market for wealth and retirement.					PF.V.1 PF.V.2 PF.V.3 PF.V.4 PF.IV.2	4
6. Familiarize students about important investment terms and categories of achieving wealth thru 401K, IRA, and ROTH IRA retirement accounts.					PF.IV.1 PF.IV.2 PF.IV.3 PF.IV.4 PF.V.1 PF.V.2 PF.V.3 PF.V.4	2
7. Learn about past investment scams that rocked confidence including examples Ponzi Schemes, the failure of ENRON and WorldCom. Learn about the successes of famous investors and why they were successful.					PF.IV.1 PF.IV.2 PF.IV.3 PF.IV.4 PF.V.1 PF.V.2 PF.V.3	3

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		PF.V.4
<p>ASSESSMENT DESCRIPTIONS*: (Write a brief overview here. Identify Formative/Summative. Actual assessments will be accessed by a link to PDF file or Word doc.)</p> <p>*Attach Unit Summative Assessment, including Scoring Guides/Scoring Keys/Alignment Codes and DOK Levels for all items. Label each assessment according to the unit descriptions above (i.e., Grade Level/Course Title/Course Code, Unit #.)</p>		
Obj. #	INSTRUCTIONAL STRATEGIES (research-based): (Teacher Methods)	
1,2	<p>1. Explain why the Federal Government issues Bonds. Introduce the change from selling Government Bonds in the open market to the Federal Reserve becoming the primary purchaser of US Government (Treasury) debt and its implications.</p>	
2,3,5,6	<p>2. Using msn.com money website, demonstrate and familiarize students with publicly available information on company’s performance. Start with well known companies of interest to students like Apple (AAPL) or WalMart (WMT). Introduce students to key ratios and graphs of performance. Compare the performance of investing in a company from its infancy of public trading would do to wealth building. Use the attached example (Investing With Nickels and Dimes) to foster discussion on modest beginnings of people who become millionaires.</p>	
2,4,5,7	<p>3. Begin each class during this unit with a topic of a company of interest that is in the current news and develop a curiosity in students to pay attention to the developing business news around them. Weave it into discussion of what it takes to identify the worthiness of investing in various companies.</p>	
Obj. #	INSTRUCTIONAL ACTIVITIES: (What Students Do)	
1,2,3,4,5	<p>1. Students will debate the wisdom of the US Government’s Treasury borrowing from the US Federal Reserve and why investors purchase government bonds. Students will research, write a brief paper, and discuss on why corporations borrow in the form of corporate bonds.</p>	
3,4,5,6	<p>2. Students will research companies of interest. MSN Money is effective site for this activity. Suggest they start with Apple Inc., stock symbol AAPL. Compare to Amazon AMZN. Have students debate on which is the better investment.</p>	
3,4,5,6	<p>3. Students will research and engage in an exercise with investment in stocks using an Excel Spreadsheet entitled “Stock Investment Template” after an introduction to this unit. The students will update their spreadsheet each class day for fifteen minutes as bell work activity at the beginning of the class period. See instructions for method of using the spreadsheet.</p>	
4,5,7	<p>4. Task students with researching who are the richest people in the world. Specifically task them with finding information on</p>	

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	Carlos Slim and how he made his fortunes and how he lives, and Warren Buffett and how he made his fortunes and how he lives.
4,5,7	5. Task students with researching companies that eroded confidence through their failures of ethics and/or wisdom.
<p>UNIT RESOURCES: (include internet addresses for linking)</p> <p>See attached files: How One Lottery Winner Blew Through 10 million, Stock Investment Instructions, Fundamental Analysis, How Big Does Your 401K Need To Be, Investing With Nickels and Dimes,</p> <p>Stock Investment Template (Excel file) Instruction Sheet also attached</p> <p>Software program for investing exercises: The Stock Market Game www.stockmarketgame.org</p> <p>Textbook suggestion: Banking & Financial Systems, 2013 by The Goodheart-Willcox Company, Inc.: print 139781605257785</p> <p>Textbook suggestion: Personal Finance, 2012 by Kapoor, Dlabay, Hughes - McGraw-Hill: print 139780073530697</p> <p>Textbook suggestion: Banking Systems, 2nd edition 2010, Cengage Learning: eText 139781439028483, print 139780538449281</p> <p>Resources @ MCCE:</p> <p>BE DVD ROM 39.7 - Saving & Investing-Personal Finance Essentials: Financial Literacy for Young Earners Meridian Production NEW YORK, NY, MERIDIAN PRODUCTION, 2011. DVD ROM — This program is designed to help students make sense of the many ways to save and invest money including: stocks and bonds, money market and mutual funds, IRAs and Roth IRAs, CDs and annuities, and good-old-fashioned passbook accounts. With input from financial experts about the risks and rewards of each, the program defines terms viewers may have heard but not understood, such as compound interest, capital gains and losses, the NASDAQ and the Dow, market risk, inflation, and dividends. Graphics help explain how the stock market works, the four types of bonds, saving for retirement, and the value of diversifying. Highlights include opening a brokerage account, the best time to buy and sell stocks, and investing in a college degree. 33 minutes.</p> <p>BE VIDEO 171 - Finance, Bonds Cerebellum Corporation FALLS CHURCH, VA, CEREBELLUM CORPORATION, 2002. VIDEO — The Standard Deviants show you why bonds are super investments. You'll learn all about coupons, par values, maturities, discounts, yields, and premiums. 26 minutes.</p> <p>E 10.0000 M166 - Teaching Money Applications to Make Mathematics Meaningful, Grades 7-12 Elizabeth Marquez and Paul Westbrook</p>	

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THOUSAND OAKS, CA, CORWIN PRESS, 2007.

BOOK — The authors illustrate instructional strategies that connect required mathematical concepts with basic money matters, giving students a solid understanding of financial realities essential to successful everyday living. This resource meets the expanding demands for equity and accountability and: Relates math to credit cards, paying taxes, stocks & bonds, mortgages, buying a car, and much more; Expands teachers' knowledge of basic financial concepts; Provides suggestions for projects to extend the concepts learned; Includes a math locator, glossary of money terms, comprehensive index, and summary of formulas.

BE DVD ROM 13 - Business Basics: Ups & Downs of Stocks

Sunburst Visual Media

PLAINVIEW, NY, SUNBURST VISUAL MEDIA, 2004.

DVD ROM — Learn how stock markets work, how they promote economic growth, and how investors analyze the numbers. Grades 9-12. 24 minutes.

BE DVD ROM 17.2 - Learning Basic Economics

The School Company

VANCOUVER, WA, THE SCHOOL COMPANY, 2002.

DVD ROM — Menu-driven DVD provides eight information oriented, basic skills programs to help students begin to understand economics. Menu items include: Introducing Economics; How Markets Work; Basic Economic Indicators; Monetary Fiscal Policy; The Role Government Plays In Economics; International Trade; The Stock Market; Technology And The Economy. Each title is approximately 6 minutes in length for over 40 minutes of instruction.

BE VIDEO 186 - Finance, Important Concepts

Cerebellum Corporation

FALLS CHURCH, VA, CEREBELLUM CORPORATION, 2002.

VIDEO — The Standard Deviants explore new financial concepts, seek out stocks and diversifications, and boldly split infinitives. 26 minutes.

C&E VIDEO 360 - Enter Here: Wholesale and Retail Trade - Stock Associate

ENTER HERE, L.L.C.

EVANSTON, IL, ENTER HERE, L.L.C., 1997.

VIDEO — Enter Here video series is a video-based encyclopedia of career opportunities that features real employees in a wide range of jobs, filmed at actual job sites across the country. The videos bring the world of work into the classroom by introducing students to real jobs, and shows them the relationship between school and work, incorporates career path and occupational choices with information about continuing education and training. The videos are organized into ten occupational clusters, and each one is approximately ten minutes long with closed

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captioning. (Secondary)

MCE 10.0102 C142 - Learning, Earning and Investing: High School

Jean Caldwell, et al.

NEW YORK, NY, NATIONAL COUNCIL ON ECONOMIC EDUCATION, 2004.

BOOK — This publication contains 23 lessons that introduce high school students to the world of investing--its benefits and risks and the critical role it plays in fostering capital formation and job creation in our free market system. Can be used to introduce students to the ins-and-outs of long-term investing and look at investment opportunities – mutual funds, stocks, bonds, and strategies for building lasting wealth. High School.

BE DVD ROM 15 - Business Basics: Profits and Pitfalls of Mutual Funds

Teacher's Video Company

HAWTHORNE, NY, TEACHER'S MEDIA COMPANY, 2003.

DVD ROM — While financial experts manage mutual funds, students need to understand how they work and how to analyze their performance. 20 minutes.

BE DVD ROM 39.1 - Make Your Money Grow

Linx Educational

JACKSONVILLE BEACH, FL, LINX EDUCATIONAL, 2002.

DVD ROM — An Introduction to Saving & Investing. Learn: the difference between simple and compound interest; savings accounts; investment strategies; passbook accounts; and, Mutual Funds. Includes Instructor's guide. 18 minutes.