



Making Cents

FINANCIAL LITERACY & ECONOMIC EDUCATION FOR PENNSYLVANIA TEACHERS

February 19, 2014

Our Agenda

Topic	Speaker
Webinar Overview and Instructions	Hilary Hunt
Online Games that Teach Personal Finance and/ or Economics	Hilary Hunt
Understanding Interest Rate	Andrew Hill
Survey of Teachers	Hilary Hunt
Q&A and Wrap Up	Hilary Hunt

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Webinar Overview

HILARY HUNT
MAKING CENTS PROJECT COORDINATOR

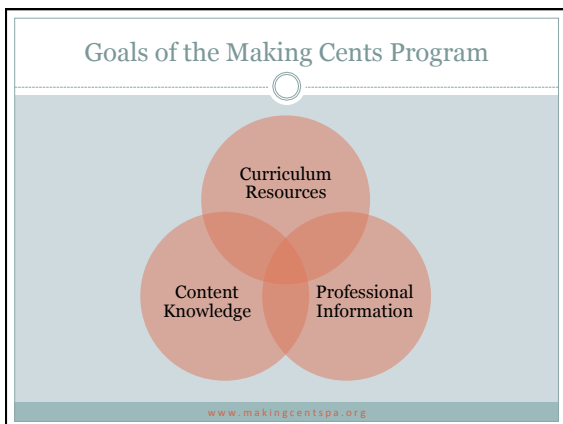


The Making Cents Webinars

- Partnership between the Pennsylvania Department of Education and Pennsylvania State University
- Part of a series of financial literacy and economic education initiatives



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The Making Cents Webinar

- Act 48 Credit**
 - Will be provided for the session
 - Must stay logged on throughout the entire program
 - You will be given a link at the end to complete an evaluation and provide your information for Act 48 credit
 - Allow at least 6-8 weeks for processing

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Project Partners

- Sally Flaherty, Social Studies Advisor and Acting Division Chief, Pennsylvania Department of Education
- Dr. Cathy Bowen, Professor, Penn State University

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Online Games that Teach Personal Finance or Economics

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Ways to Use Online Games

- Reinforce instructional content
- Increase student engagement
- Experience “real life” scenarios in a risk free format
- Allow for differentiation
- At-home reinforcement

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Providers of Online Games

- **Government**
 - Federal Trade Commission
 - Federal Reserve System
 - U.S. Mint
- **Non-profit organizations**
 - Doorways to Dreams (D2D Fund)
 - Foundation for Investor Education
 - Council for Economic Education
 - North American Securities Administrators Association
 - SIFMA Foundation
- **Companies**
 - Visa
 - Disney
 - T. Rowe Price
 - T.D. Bank

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Admongo

by FTC



- “Admation” - teaches about the purpose of ads and being a savvy consumer
- Students find ads outdoors, in the home and elsewhere
- Teacher resources available
- Level: grades 5 and up
- <http://game.admongo.gov>

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The Great Piggy Bank Adventure

by Disney & T. Rowe Price





- Players set goals and earn truffles to reach them while making choices along the way
- Level 2: inflation, risk vs. reward, asset allocation
- Teacher materials
- 1-4 players
- Level: elementary
- <http://piggybank.disney.go.com>
- http://corporate.knowledge.com/Money-Confident-Kids/Site/Educators/Teaching-Tools-And-Activities?_link=Teaching%20Tools%20And%20Activities&_linkprint=TN_LINK

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The Stock Market Game

by SIFMA Foundation





- Students invest a hypothetical \$100,000 over ten weeks
- Learn about stocks, bonds, and mutual funds as well as risk tolerance
- Teacher support center
- InvestWrite program
- Research shows impact of use
- Costs \$15 per team (\$25 for yearlong)
- Level: Grades 4+
- <http://www.stockmarketgame.org>

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Fraud Scene Investigator

by North American Securities Administrators Association






- Students learn about investment fraud and securities regulation
- Interactive cartoon
- Teacher resources
- Level: secondary
- <http://www.nasaa.gov/suitableinvestments/index.html>

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GEN i Revolution

by Council for Economic Education

- Choose from 15 interactive missions teach personal finance concepts
- Earn points by acquiring knowledge
- Sign in required
- Designed to complement *Learning, Earning, and Investing* (\$29.95)
- Teacher resources
- Level: Grades 6-12
- <http://www.genirevolution.org>

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Visa – Practical Money Skills



- Cash Puzzler
- Countdown to Retirement
- Ed's Bank
- Financial Football
- Financial Soccer
- Money Metropolis
- Peter Pig's Money Counter
- Road Trip to Savings

<http://www.practicalmoneyskills.com/games/>

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Financial Football

by Visa





- Partner with NFL
- Gain or lose yards as you answer questions
- Options: Single player or head to head, level, duration (5, 10, 20), NFL team
- Associated lesson plans
- Levels: "Rookie" 11-14, "Pro" 14-18, "Hall of Fame" 18+
- <http://www.practicalmoneyskills.com/games/trainingcamp/#/play/>

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Financial Soccer

by Visa




- Partner with FIFA World Cup
- Make or miss passes or score as you answer questions
- Options: Pregame, single player, or head to head, level, duration (5, 10, 20, 30 minutes), team
- Associated lesson plans
Levels: "Amateur" 11-14, "Semi-Pro" 14-18, "World Class" 18+
- <http://www.financialsoccer.com/play/>

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Peter Pig's Money Counter

by Visa



- Three levels: easy, medium, hard
- Coin identification, counting coins, greater sum
- Level: primary to elementary
- <http://www.practicalmoneyskills.com/games/peterpigs/>

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Cash Puzzler

by Visa




- Puzzle game
- Assemble currency puzzles
- Fun facts about each bill at the end of each puzzle
- Level: elementary
- <http://www.practicalmoneyskills.com/games/puzler2/index.php>

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Countdown to Retirement

by Visa




- Students select a character with associated salary
- Make choices about housing and transportation along with paying off debt and saving for retirement
- Opportunity and chance type events as well as reallocation as you get closer to retirement
- Level: secondary
- <http://www.practicalmoneyskills.com/games/>

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Ed's Bank

by Visa




- Move coins from the scrolling bar to the piggy bank
- Go shopping for items
- Choose to shop more or save more
- Level: elementary
- <http://www.practicalmoneyskills.com/games/>

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Money Metropolis

by Visa



- Personalize your character then set a saving goal
- Do jobs to earn money
- Learn you may need to spend money to make money
- Level: intermediate
- <http://www.practicalmoneyskills.com/games/moneymetropolis/>

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Road Trip to Savings

by Visa




- Start game with \$1,000
- Try to move as much into savings each of four weeks
- Maneuver car to earnings while avoiding spending – must still maintain gas and insurance
- Level: intermediate
- <http://www.practicalmoneyskills.com/games/>

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Financial Entertainment – D2D

- Bite Club
- Celebrity Calamity
- Farm Blitz
- Groove Nation
- Refund Rush

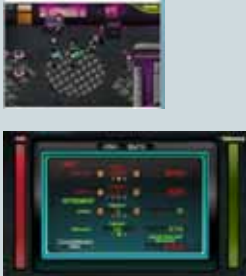


<https://financialentertainment.org>

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Bite Club

by D2D




- Save for retirement while running a vampire nightclub
- Earn money performing tasks
- Allocate money earned to pay down debt, fund saving and retirement and improve the club
- Level: secondary
- <http://financialentertainment.org/play/biteclub.html>

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Celebrity Calamity

by D2D




- Manage celebrity credit cards and spending
- “Catch” money and items wanted for client
- Pay credit card bills
- Keep client happy to move up the career ladder
- Level: secondary
- <http://financialentertainment.org/play/celebritycalamity.html>

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Farm Blitz

by D2D




- Manage farm resources to build savings and survive financial emergencies
- Bunnies = debt, seeds = expenses, trees = savings
- Other concepts: risk, interest
- Level: elementary to secondary
- <http://financialentertainment.org/play/farmblitz.html>

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Groove Nation

by D2D





- Dance and budget on the road to LA
- Earn money by “dancing” the budget the money you earn
- Fixed and variable costs
- Short and long-term savings and debt payoffs
- Level: secondary
- <http://financialentertainment.org/play/groovenation.html>

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Refund Rush

by D2D

- Help clients split tax refunds and save during tax time
- 5 customers per round, 4 rounds
- Can split refund between paper check, savings, retirement, debt payoff, savings bonds
- Level: secondary
- <http://financialentertainment.org/play/refundrush.html>

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Additional Providers of Online Games

- Federal Reserve System – Federal Reserve Education
 - <http://www.federalreserveeducation.org/news/multimedia/games.cfm>
- The United State Mint – h.i.p. pocket change
 - <http://www.usmint.gov/kids/games/>
- T.D. Bank – WOW Zone
 - <http://www.usmint.gov/kids/games/>

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Understanding Interest Rates

DR. ANDREW HILL
ECONOMIC EDUCATION ADVISOR
FEDERAL RESERVE BANK OF
PHILADELPHIA







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Thank you, Andrew!

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Survey of Teachers

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Personal Finance and Economic Education Data

- **What we know**
 - Pieces and parts of information from across the Commonwealth
 - Snapshots in time
 - More about personal finance than about economics

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Personal Finance and Economic Education Data

- **Previous data gathering efforts**
 - Two comprehensive phone and web surveys (OFE and PSU) in 2007 and 2009
 - Teacher web survey (IPT, PSC, and PSU) in 2009
 - Educator online survey (PDE and PSU) in 2012
 - Mailed survey (PDE and PSU) in 2013

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Upcoming Survey

- **Who**
 - All educators on our email distribution lists
 - Other educators that we can reach via sharing
- **What**
 - Short (10 minute or less) survey with questions about course being taught, resources used, needs going forward
- **When**
 - Later this spring
- **How**
 - Via Survey Monkey

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Sharing the Survey

- **Consider your networks of fellow teachers**
 - In your building – regardless of whether they teach personal finance or not
 - Administrators
 - Other teachers in your district with a common interest
 - Professional associations – statewide, local
 - College and university connections
- **Ways to share**
 - Via email or social media
 - Discuss at meetings (department, association or other)

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Using the Data

- **Data will be made available once compiled**
- **Possible uses**
 - Make the case for personal finance
 - Identify what others are doing – best practices
 - Meet professional goals

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Any Questions for Hilary?

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Wrap Up and Final Q&A

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Making Cents E-Blasts



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 Hilary Hunt
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Upcoming Webinars

- March 20, 2014



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Thank you for participating!

