Financial Literacy and Economic Education Conference

October 6-7, 2017
Brooklyn, New York

Teachers' Luncheon Sponsor

Thank you to the Federal Reserve System for their ongoing partnership with the Council for Economic Education.
Welcome to the Council for Economic Education's 56th Annual Financial Literacy and Economic Education Conference in the financial capital of the world! We couldn't be more excited to host this year's Conference and welcome you to Brooklyn, New York.

The Council for Economic Education (CEE) is the leading organization in the United States that focuses on the economic and financial education of students from kindergarten through high school—and we have been doing so for nearly 70 years. We continue to prepare the next generation in the “Empire State” and nationwide for personal and financial success by providing teachers with strategies for teaching economics and personal finance and advocating for the expansion of teaching these subjects in all schools.

In partnership with our state affiliates across the country, CEE always rises up to new challenges and provides great opportunities for educators and students. We do this by educating the educators: providing the curriculum tools, the pedagogical support, and the community of peers that instruct, inspire, and guide. Our premier source of classroom tested materials, EconEdLink welcomes more than one million unique visitors each year and provides hundreds of free, online lessons and classroom interactives that are easily searchable by concept, standard, grade level, and subject. The National Center offers free in-person workshops and online webinars. All CEE’s professional development programs demonstrate how to integrate economics and personal finance into core subjects such as math, history and social studies classes as well as the elementary curriculum. This year, CEE’s 17th Annual National Economics Challenge, our nation’s only high school economics competition, attracted nearly 11,000 participants from across the country and featured an exhibition round with two teams from China.

CEE also works to promote legislation and education policies at the federal and state levels and conducts the Survey of the States, a biennial comprehensive look into the state of K-12 economic and financial education in the United States. The Survey of the States is an important benchmark for our progress, revealing how far we’ve come and how far we still have to go. Look for the 2018 Survey of the States early next year!

We strive to teach economics and personal finance to children and we aren’t just teaching them about money. We are teaching that opportunity unfolds on a foundation of sound, informed choices; we are teaching the skills and habits of thought necessary to make good choices for fruitful lives. The Council for Economic Education ensures that our nation’s children learn the grammar of what is a highly specialized language, but one that is essential to their future success.

Our annual Conference program is filled with hands-on workshops for teachers, discussion groups, networking opportunities, introductions to new resources, and more. We encourage you to immerse yourself in the learning opportunities to meet new people, and to take as much as possible back to your classroom.

There will be many opportunities to thank some of the very special people for their valuable contributions this year, but here we want to particularly mention our presenting sponsor, Wells Fargo.

On behalf of myself, Selena Swartzfager, President of the National Association of Economic Educators and Brian Page, Chair of the CEE Teacher Advisory Committee, we want to thank you for joining us and for your efforts in striving to become even better educators.

Enjoy the conference!

Sincerely,

[Signature]
October 6 - 7, 2017

Dear Friends:

It is a pleasure to send greetings to everyone gathered in New York City for the 56th Annual Financial Literacy and Economic Education Conference of the Council for Economic Education.

Our society is strengthened by a citizenry that is well-informed about all areas of daily life, including responsible fiscal management and wise financial planning. It’s never too early to begin teaching youth the importance of making sound choices about personal finances, which can make all the difference in their futures.

This conference brings together industry leaders along with educators focused on economic and financial education in our public schools – from those students in the earliest years of kindergarten, to teenagers earning their first paychecks and pursuing their higher education goals. Instilling good saving habits is part of the American Dream that enabled generations of people to buy their own home, live comfortably, and provide a better life for their children.

As you gather to discuss and exchange ideas, information, and strategies to meet the future needs of today’s students, I join in applauding your efforts to make financial literacy a priority and practical course included in school curricula.

Warmest regards and best wishes for a successful and productive meeting.

Sincerely,

ANDREW M. CUOMO

WE WORK FOR THE PEOPLE
Performance * Integrity * Pride
Dear Friends:

Please accept my warmest felicitations and greetings as you gather for the Council for Economic Education’s 56th Annual Financial Literacy and Economic Education Conference. I am honored to have the opportunity to recognize the dedication of all of the attendees who work to promote economic and financial literacy to ensure a better tomorrow.

For many years, the Council for Economic Education has been committed to educating students and their families on the advantages of a comprehensive understanding of economic and personal finances for a responsible populace. Through a wide array of educational and support services, the Council for Economic Education continues to teach essential financial skills and a diverse curriculum that embraces new technologies. In addition, the organization provides in-person financial workshops which help children and adults to make sound economic decisions. I applaud the Council for Economic Education’s efforts to build better lives through professional development, better financial literacy and a comprehensive understanding of the economic climate.

Again, thank you for your hard work and dedication on behalf of all New Yorkers. I am confident the Council for Economic Education will continue its exemplary work for many years to come. Best wishes for a wonderful event.

Sincerely,

Charles E. Schumer
United States Senator
Dear Friends,

It is a privilege to send greetings to everyone attending the 56th Annual Financial Literacy and Economic Education Conference. Thank you to the speakers and all the New York City public school teachers who are in attendance.

I am grateful for organizations like the Council for Economic Education, which provides tools and resources for our teachers to help students develop the economic and financial education that is critical for success in our global economy. By preparing our students with these skills, we will provide the confidence and knowledge needed for lifelong successful financial well-being.

Thank you for all the work you do for our future generation. Please accept my best wishes for a wonderful event, and many years of continued success.

Sincerely,

Kirsten Gillibrand
Kirsten Gillibrand
United States Senator
October 6, 2017

Dear Friends:

It is a great pleasure to join the Council for Economic Education in welcoming everyone to its 56th Annual Financial Literacy and Economic Education Conference.

Our education system is moving rapidly in the right direction and our smart, hardworking, dedicated and determined children, parents and educators are lifting up communities and making their mark on the city, the country and the world. In our continued efforts to equip students with the tools they need to succeed in the classroom and beyond, we are grateful for the efforts of the Council for Economic Education, which has worked to provide our city’s young people with economic and financial skills since its founding. By supporting teachers throughout the five boroughs and across the country and offering them curriculum tools they can use to teach their students how to responsibly manage their personal finances, this organization is helping to improve the quality of our schools and empower the next generation to rise. I am delighted to join in applauding CEE for working toward a stronger, more promising future for all New Yorkers.

On behalf of our great city, I offer my best wishes for a productive conference and continued success.

Sincerely,

Bill de Blasio  
Mayor
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Investopedia is a proud sponsor of the CEE.
The mission of the National Center for Economic and Financial Education is to advance the growth, service, and recognition of K-12 educators in the New York metropolitan area as they develop economic and personal finance education.

The National Center offers **FREE in-person and online workshops** led by educators. Workshops demonstrate how to integrate economics and personal finance into math, science, and social studies classes as well as the elementary curriculum. Workshop attendees will:

- Receive hands-on active learning resources
- Customizable programs for schools and districts
- Exchange successful tips and techniques with their peers
- Receive free publications, lessons and other resources
- Earn continuing education units and network with community peers

### 2017 Schedule

**WEBINARS**

- **Oct. 11** Cybersecurity: Risky Business Teaching Students to Make Good Online Choices
- **Oct. 17** Using Children's Literature to Teach Elementary Math and Economics
- **Nov. 14** Natural Disasters in Children's Literature: Tales of Choices and Changes
- **Nov. 28** Mini Economy in High School and How Does it Fit into my Curriculum
- **Dec. 05** Running the Mini-Economy All Year and How to Expand It
- **Dec. 06** Great Recession of 2008
- **Dec. 12** Using “New” Children's Chapter Books to Teach Entrepreneurship, Economics & Ethics

**WORKSHOPS**

- **Oct. 12** Financial Literacy for Community Based Organizations
- **Oct. 18** Economics, US History and the C3 Framework
- **Oct. 19** Driving Through Jim Crow
- **Nov. 02** Mini-Economy
- **Nov. 07** Natural Disasters in Children's Literature
- **Nov. 07** Teaching American History Through Economics
- **Nov. 08** Using Children's Chapter Books to Teach Entrepreneurship
- **Nov. 14** Shark Tank and Entrepreneurship
- **Nov. 16** Economics for First Time Entrepreneurs
- **Nov. 30** Economics of Gentrification
- **Dec. 21** Math in the Real World

Don’t Miss Out – Register For the Free Workshops Today! [http://councilforeconed.org/programs-2/](http://councilforeconed.org/programs-2/)

The Council for Economic Education is an approved Sponsor of Continuing Teacher and Leader Education (CTLE) in New York State.
the mission of the national center for economic and financial education is to advance the growth, service, and recognition of K-12 educators in the New York metropolitan area as they develop economic and personal finance education. The national center offers free in-person and online workshops led by educators. Workshops demonstrate how to integrate economics and personal finance into math, science, and social studies classes as well as the elementary curriculum. Workshop attendees will:

- receive hands-on active learning resources
- customizable programs for schools and districts
- exchange successful tips and techniques with their peers
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- earn continuing education units and network with community peers

Workshops:

- Oct. 12: Financial Literacy for Community Based Organizations
- Oct. 18: Economics, US History and the C3 Framework
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- Nov. 16: Economics for First Time Entrepreneurs
- Nov. 30: EconomicsofGentrification
- Dec. 21: Math in the Real World

Webinars:

- Oct. 11: Cybersecurity: Risky Business Teaching Students to Make Good Online Choices
- Oct. 17: Using Children's Literature to Teach Elementary Math and Economics
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- Nov. 28: Mini Economy in High School and How Does It Fit into my Curriculum
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FOR THE RECORD

YOU ARE AWESOME!

Thank you for attending the Conference!
Use this code at checkout: CONF17 to receive 25% off on all Council for Economic Education’s Personal Finance and Economics resources.

SHOP TODAY: STORE.COUNCILFORECONED.ORG

Discount expires: 11/30/17. This promotion cannot be combined with any other discounts or coupons.
Learning better ways to manage your money doesn’t have to cost a thing

The more you understand how your money works, the more confident you’ll feel about your financial decisions. That’s why we created Better Money Habits® in partnership with Khan Academy—an independent, nonprofit organization with the mission of providing a free, world-class education for anyone anywhere. Better Money Habits is a one-of-a-kind online approach to financial education that’s customizable and answers tough financial questions in practical ways.

Get the financial know-how you need at BetterMoneyHabits.com
GENERAL CONFERENCE INFORMATION

CONFERENCE FACILITIES
All Conference sessions will be held at the New York Marriott at the Brooklyn Bridge Hotel.

REGISTRATION
Registration will be located in the Promenade at the New York Marriott at the Brooklyn Bridge Hotel.

Participants will be able to pick up their registration badges and Conference programs:
• Friday, October 6th, 7:30 am – 6:00 pm
• Saturday, October 7th, 7:00 am – 12:00 pm

FIRST-TIME ATTENDEES
Teachers who are attending their first annual Conference can be identified by a red ribbon on their badges. Please extend a special welcome to them. Teachers who have attended previously will be identified by a blue ribbon.

CONFERENCE PROGRAM
This Conference program details the overall Conference schedule. A floor plan of the New York Marriott at the Brooklyn Bridge Hotel is included on page 10. There is an alphabetical listing of Conference presenters and a list of exhibitors for your reference.

CONFERENCE PROGRAM - MOBILE VERSION
Visit http://econedconf2017.busyconf.com/schedule on your smartphone for a mobile version of the schedule.

EXHIBITS
The Exhibit Hall is located in the Promenade and E & D Foyers. The exhibits will be open Friday from 11:10 am - 6:00 pm and Saturday from 9:00 am - 12:00 pm. Check out all of the resources and solutions offered by Conference exhibitors. You’ll enjoy snacks while meeting your fellow educators and learning about tools and services that can make you a more effective teacher.

BE SOCIAL
Our Conference hashtag is #CEEConf17. Please join us for live tweets, Facebook posts and likes, and add your own photos.

ACKNOWLEDGEMENTS
CEE would like to extend our thanks and appreciation to Wells Fargo for overall Conference sponsorship. We also thank all our sponsors, presenters, attendees and exhibitors for their contribution to this Conference.

Note: Some sessions may be videotaped for CEE use.

*CONCURRENT BLOCK TRACK KEYS:

CEE Affiliate Management  College & Career Readiness  Economics  Elementary  Math

NY Focused  Personal Finance  Research  Social Studies
Making a Difference Where We Work and Live

Fidelity Investments® is proud to sponsor:
CEE’s Annual Financial Literacy & Economic Education Conference

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SPECIAL EVENTS

FRIDAY, OCTOBER 6

7:45—8:45 AM
Teachers' Breakfast Presentation Session
SPEAKER:
Beth Kobliner
Personal Finance Commentator and Journalist
Sponsored by: Bank of America

9:15—10:45 AM
Opening Plenary Session
SPEAKER:
Carmen Fariña
Chancellor, New York City Department of Education

11:10—6:00 PM
Exhibit Hall Open

12:15—1:30 PM
Awards Recognition Luncheon for K-12 Teachers
SPEAKER:
William C. Dudley
President and Chief Executive Officer, Federal Reserve Bank of New York
Sponsored by: The Federal Reserve System

6:30—8:30 PM
Friday Night Social for all Conference Attendees
Featuring The Gooding Band

SATURDAY, OCTOBER 7

6:30—7:15 AM
Fun Run/Walk

8:00—9:00 AM
Teachers' Breakfast Presentation Session

9:00—12:00 PM
Exhibit Hall Open

12:10—1:10 PM
Teacher Roundtables

3:15—4:30 PM
NYC Teachers’ Event: Closing Celebration Reception
Off site
## PROGRAM

### FRIDAY, OCTOBER 6

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>7:30AM—6:00PM</td>
<td>Registration</td>
<td>Promenade</td>
</tr>
</tbody>
</table>
| 7:45AM—8:45AM | Teachers Breakfast Session  
Sponsored by Bank of America | Salon A           |
| 9:15AM—10:45AM| Opening Plenary Session  
Speaker: Carmen Fariña, Chancellor, NYC Department of Education | Grand Ballroom    |
| 10:45AM—11:00AM| NYC Teachers’ Meet and Greet with Carmen Fariña                                           | Grand Ballroom    |
| 11:00AM—11:15AM| Refreshment and Networking Break                                                          | Promenade         |
| 11:10AM—6:00PM| Exhibit Hall Open                                                                        | Promenade         |
| 11:10AM—12:00PM| Concurrent Session A  
- Tech Talk: Efficiencies in the Classroom  
- Building College & Career Readiness through Entrepreneurial and Work-based Learning Experiences  
- Protecting Yourself Online: Living ‘Appily Ever After With Cybersecurity Lessons  
- Making Personal Finance Decisions  
- Personal Finance in AP Economics  
- Successfully Constructing Economic Lessons for a Secondary Math Classroom  
- Building Consensus Around Implementation Models  
- Experiential Financial Education: Research Findings and Insights for Classroom Implementation  
- Reading Makes Cent$: A Potential Partnership  
- Contemporary Economic Connection in Literature  
| 11:10AM—12:00PM| Poster Session # 1  
- "Rigging Monopoly" to Teach Economic Concepts and Social Awareness  
- The Reluctant Financial Literacy Teacher  
- Finance Smart: A Workshop for Parents and Students  
- Using Twitter to Engage Economic Education Affiliates, Educators and Partners | Promenade         |
| 11:10AM—12:40PM| Research Session: Research on Measuring Economic and Personal Finance Learning  
Chair: Carlos Asarta  
- The Disaggregation of Value-added Test Scores in Keys to Financial Success  
- Look at the Birdie: A Quasi-Natural Experiment on Answer Distractors  
- Are They Guessing? Confidence-Weighted Financial Knowledge Scores  
- Evaluating Financial Literacy Curriculum for Youth with Special Needs | Golden Boardroom  |
| 12:15PM—1:30PM| Awards Recognition Luncheon for K-12 Teachers  
Speaker: William C. Dudley, President and Chief Executive Officer, Federal Reserve Bank of New York  
Sponsored by the Federal Reserve System | Salon E           |
### FRIDAY, OCTOBER 6

#### Concurrent Session B:
- Teaching Economics to the Tech-savvy Student
  - Metrotech
- Smart Path – The Middle Years
  - Salon A
- AP Economics: Using Multiple-Choice Questions to Improve Results on Free Response Questions
  - Salon B
- Does Free Trade Help Build Successful Partnerships for Economic Education?
  - Salon C
- Broadway Economics: Economic Lessons from Show Tunes
  - Salon F
- Personal Finance Resources: Equip Youth with Lifelong Skills
  - Salon G
- State Priority, District Deliverable-Financial Literacy through Literacy
  - Salon H
- ‘Let Them Eat Cake’: Microeconomics and the French Revolution
  - Greenpoint
- Using new Children’s Chapter Books to Teach Entrepreneurship, Economics, & Ethics
  - Salon I
- Take Me Out to the Ball Game...For Some Economics
  - Williamsburg

#### Research Session: Research on College Decisions and Economic Education Programs
**Chair: Andrew Hill**
- Economics Course Persistence and Degree Selection: An Exploration of Gender Differences among Undergraduate Students
- Cash ‘n Car: Valuation of Human Capital
- Innovative Ways of Teaching Financial Literacy: Lessons from Teaching Financial Literacy to College Freshmen

#### Concurrent Session C:
- Hands of Banking: Your Turnkey Resource for Financial Education
  - Metrotech
- Getting Started with Minecraft for Economics
  - Salon A
- Economic Geography
  - Salon B
- Lights, Camera, Action: Teaching Economics through Movie Making
  - Salon C
- Money and the Biased Mind
  - Salon F
- From Knowing to Doing: What Works in Boosting Youth Financial Independence and the Role of Federal Government
  - Salon G
- Federal Reserve: The New Everyday Economics Book
  - Salon H
- The Art of Hosting Economic Conversations
  - Salon I
- Bell Ringers: Mini Lessons with a Hook
  - Greenpoint
- Common Errors of the AP Macro and Micro Exams
  - Williamsburg

#### On the Run Break!
- Promenade

#### Concurrent Session D:
- Understanding Fiscal Responsibility
  - Metrotech
- Economics of Sports
  - Salon A
- Introducing an Online Microeconomics Course through EdX
  - Salon B
- Using Children’s Books to Teach Economics/Personal Finance in an Elementary Math Class
  - Salon C
- Laughter, Literature and Innovation in the Economics Classroom
  - Salon F
3:45PM—4:35PM Concurrent Session D (cont’d):

- SMG 40 Years and Counting
  Salon G
- Once Upon a Dime: Using Comic Books in Economics Classes
  Salon H
- Helping Students Navigate Career, Education, and Debt
  Salon I
- Full STEAM Ahead: Economics and Engineering in Elementary Classrooms
  Greenpoint
- Hamilton: Where History, Broadway, and Economics Meet
  Williamsburg
- Making Financial Literacy Relevant and Reflective
  Navy Yard
- Activating Prior Knowledge Across the Economics/Math Divide
  Dumbo

3:45PM—4:35PM Poster Sessions:

- TOP Economic Education in Germany and my Classes: Let's go!
  Promenade
- Economic and Financial Education Program from the Central Bank of Uruguay
- National Economics Challenge
- An Image is Worth 1,000 Words: Student Performance Dashboard
- CEE’s National Center Webinars & Workshops

3:45PM—5:15PM Research Session: Research on Knowledge and Behaviors in Economic and Personal Finance Education
Chair: Cynthia Harter

- Bernie’s Big Idea: Assessment of Entrepreneurship Materials
- Exploring British Children’s Money Relationships and its Relevance to their Futures
- Spending My Parents’ Money, Saving my Own Money: A Mixed Methods Approach to Kids’ Purchasing Behaviors
- Getting SMART with Money: Developing Critical Conceptions for Improved Behaviors

3:45PM—5:15PM Research Session:

- Moneymatics: Bridging the Gap Between my Money and my Mathematics
  Metrotech
- Behavioral Economics
  Salon A
- Funding the Future Rocks Financial Literacy
  Salon B
- Ditch the Google Search Process & Find Personal Finance Resources FASTER
  Salon C
- Arts & Crafts of the Dismal Science
  Salon F
- Better Money Habits
  Salon G
- Beware: Unintended Consequences Lurk in Every Decision
  Salon H
- Closure Activities for Classroom Economies
  Salon I
- Break (out of) the Bank - A Digital Breakout Experience
  Greenpoint
- Interactive and Digital: Driving Financial Capability and Success Among Teens
  Williamsburg
- Startup Culture in the Classroom
  Navy Yard

6:30PM—8:30PM Dinner & Social Event for all Conference Attendees
Featuring Gooding Music Band
Grand Ballroom
## OVERVIEW

### SATURDAY, OCTOBER 7

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<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>6:30AM—7:15AM</td>
<td>Fun Run/Walk</td>
<td>Offsite</td>
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<tr>
<td>7:30AM—12:00PM</td>
<td>Registration</td>
<td>Promenade</td>
</tr>
<tr>
<td>8:00AM—9:00AM</td>
<td>CEE's Digital Resources Breakfast&lt;br&gt;Sponsored by Assurant, Inc</td>
<td>Salon D</td>
</tr>
<tr>
<td>8:00AM—9:00AM</td>
<td>Breakfast International Attendees&lt;br&gt;(by invitation only)</td>
<td>Dumbo</td>
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<tr>
<td>9:00AM—12:00PM</td>
<td>Exhibit Hall Open</td>
<td>Promenade</td>
</tr>
<tr>
<td>9:10AM—10:00AM</td>
<td>Concurrent Session F:&lt;br&gt;• Fake News and Economics - Perfect Together&lt;br&gt;• Career Planning: Stepping Stones to Success&lt;br&gt;• Making Math Relevant: Integrating Personal Finance into Your Classroom&lt;br&gt;• Making Sense of Personal Finance: Oklahoma's Personal Finance Curriculum&lt;br&gt;• The Stock Market Game Researcher&lt;br&gt;• International Economic Education at Home and Abroad</td>
<td>Salon A</td>
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<td></td>
<td>Research Session: Research in Economic and Personal Finance Education: An International Perspective&lt;br&gt;Chair: Diego Mendez-Carbajo&lt;br&gt;• Assessing Personal Finance of Young Adults in Germany&lt;br&gt;• Factors Associated with Economic, Financial and Purchase Literacy&lt;br&gt;• Factors that Influence the Financial Literacy of Dutch Students&lt;br&gt;• Knowledge, Behaviors and Attitudes of High School Students and Their Parents/Guardians</td>
<td>Golden Boardroom</td>
</tr>
<tr>
<td>10:10AM—11:00AM</td>
<td>Concurrent Session G:&lt;br&gt;• Innovations in Economic Education: Best Technology-Based Lessons&lt;br&gt;• Economic Reasoning: The Key to the National Economics Challenge&lt;br&gt;• Teaching Economic Concepts through Games &amp; Simulations&lt;br&gt;• Econ Game Show: It's Your Life!&lt;br&gt;• The Elementary Math Class - A Natural Fit for Financial Literacy&lt;br&gt;• Compact Concept Connectors: You Want This!&lt;br&gt;• The Economics of Inclusion: Empowering Society's Marginalized Groups&lt;br&gt;• The Social, Political, and Economic Conditions of Les Misérables&lt;br&gt;• Keys to Financial Success as an Add-In to the Virtual Economics Resource</td>
<td>Metrotech</td>
</tr>
<tr>
<td>11:10AM—12:00PM</td>
<td>Concurrent Session H:&lt;br&gt;• AP Micro Fun &amp; Games&lt;br&gt;• Award Winning Teachers Share Best Practices&lt;br&gt;• Teaching Unemployment Across the Curriculum&lt;br&gt;• Expand Your Reach: Girl Scouts and Financial Literacy&lt;br&gt;• Off the Grid: Gamify Your Classroom the Old School Way!&lt;br&gt;• Cindernomics</td>
<td>Metrotech</td>
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</tbody>
</table>

Financial Literacy and Economic Education Conference | 19
PROGRAM OVERVIEW

SChecking Dual Session: Research on Teacher Preparation and Classroom Applications
Chair: John Swinton
- Designing a Professional Learning Course for Financial Literacy Teachers
- Adapting a German Test Instrument to Evaluate Subject-Specific Instructional Skills of Teachers of Economics in the USA
- Teaching Personal Finance Using Behavioral Economics
- A Practice-based Theory of Economics Instruction with Practical Classroom Applications

12:00PM—1:10PM Teachers’ Roundtables:
- Elementary Greenpoint
- Middle Williamsburg
- High Navy Yard

1:20PM—2:10PM Concurrent Session I:
- To the Internet and Beyond! MetroTech
- Financial Literacy in Non-Traditional Educational Settings Salon A
- FiCycle: Financial Life-Cycle Mathematics Salon B
- Incorporating Lifecycle Analysis to Promote an Understanding of the Economics of Sustainability Salon C

2:20PM—3:10PM Concurrent Session J:
- News-Worthy Economics Salon A
- Using Shark Tank to Teach Economics and Entrepreneurship Salon B

3:15PM—4:30PM NYC Teachers’ Event: Closing Celebration Reception Offsite

Greater New York Mutual Insurance Company proudly supports
the Council for Economic Education's 56th Annual Financial
Literacy and Economic Education Conference

It’s more than dollars and cents, it’s a brighter financial future

Discover® proudly supports the Council for Economic Education and its goal of bringing economics and financial education into the classroom.
### TOPICS AT A GLANCE

#### FRIDAY, OCTOBER 6 2017

| Concurrent Session A 11:10AM—12:00PM |  
|--------------------------------------|---|
| • Reading Makes Cents: A Potential Partnership | • Building College & Career Readiness through Entrepreneurial and Work-based Learning Experiences |
| • Tech Talk: Efficiencies in the Classroom | • Protecting Yourself Online: Living Anywhere Ever After With Cybersecurity Lessons |
| • Personal Finance in AP Economics | • The Economics of the Film and Television Industry |

| Poster Session 11:10AM—12:00PM |  
|---------------------------------|---|
| • Using Twitter to Engage Economic Education Affiliates, Educators, and Partners |  

| Research Session 11:10AM—12:40PM |  
|-----------------------------------|---|
|  
|  

| Concurrent Session B 1:45PM—2:35PM |  
|-------------------------------------|---|
| • Does Free Trade Help Build Successful Partnerships for Economic Education? | • Teaching Economics to the Tech-savvy Student |
| • AP Economics: Using Multiple-Choice Questions to Improve Results on Free Response Questions | • Broadway Economics: Economic Lessons from Show Tunes |
| • Take Me Out to the Ball Game...For Some Economics | • State Priority, District Deliverable—Financial Literacy through Literacy |
| • Using ‘New’ Children's Chapter Books to Teach Entrepreneurship, Economics, & Ethics |  

| Research Session 1:45PM—3:15PM |  
|--------------------------------|---|
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|  

| Concurrent Session C 2:45PM—3:35PM |  
|-------------------------------------|---|
| • Getting Started with MINECRAFT for Economics | • Lights, Camera, Action: Teaching Economics Through Movie Making |
| • Economic Geography |  

| Concurrent Session D 3:45PM—4:35PM |  
|-------------------------------------|---|
| • Helping Students Navigate Career, Education, and Debt | • Introducing an Online Microeconomics Course through EdX |
| • Economics of Sports | • Laughter, Literature and Innovation in the Economics Classroom |
| • From Knowing to Doing: What Works in Boosting Youth Financial Independence and the Role of Federal Government | • One Upon a Dine: Using Comic Books in Economics Classes |
| • The Art of Hosting Economic Conversations | • Understanding Fiscal Responsibility |
| • Bell Ringers: Mini Lessons with a Hook | • Using Children’s Books to Teach Economics/Personal Finance in Elementary Math Class |
| • Common Errors of the AP Macroeconomics Exam | • Full STEAM Ahead: Economics and Engineering in Elementary Classrooms |

| Poster Session 3:45PM—4:35PM |  
|----------------------------|---|
| • An Image is Worth 1,000 Words: Student Performance Dashboards | • Economic and Financial Education Program from the Central Bank of Uruguay |
| • Sports Economics | • National Economics Challenge |
| • The Key to the National Economics Classroom | • CEE’s National Center Webinars & Workshops |

| Research Session 3:45PM—5:15PM |  
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| Concurrent Session E 4:45PM—5:35PM |  
|------------------------------------|---|
| • Interactive and Digital: Driving Financial Capability and Success Among Teens | • Behavioral Economics |
| • Startup Culture in the Classroom | • Arts & Crafts of the Dismal Science |
| • The Economics of Inclusion: Empowering Society’s Marginized Groups | • Break (out of) the Bank - A Digital Breakout Experience |

### SATURDAY, OCTOBER 7 2017

| Concurrent Session F 9:10AM—10:00AM |  
|-------------------------------------|---|
| • Career Planning: Stepping Stones to Success | • Fake News and Economics—Perfect Together |
| • International Economic Education at Home and Abroad |  

| Research Session 9:10AM—10:40AM |  
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| Concurrent Session G 10:10AM—11:00AM |  
|--------------------------------------|---|
| • Econ Game Show: It’s Your Life! | • Innovations in Economic Education: Best Technology-Based Lessons |
| | • Economic Reasoning: The Key to the National Economics Challenge |
| | • Teaching Economic Concepts through Games & Simulations |
| | • The Economics of Inclusion: Empowering Society’s Marginized Groups |

| Concurrent Session H 11:10AM—12:00PM |  
|------------------------------------|---|
| • AP Micro Fun & Games | • The Elementary Math Class—A Natural Fit for Financial Literacy |
| • Award Winning Teachers Share Best Practices | • Compact Concept Connectors: You Want This! |
| • Off the Grid: Gamify Your Classroom the Old School Way! |  

| Research Session 11:10AM—12:40PM |  
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| Concurrent Session I 1:20PM—2:10PM |  
|-----------------------------------|---|
| • Incorporating Lifecycle Analysis to Promote an Understanding of the Economics of Sustainability | • To the Internet and Beyond! |

| Concurrent Session J 2:20PM—3:10PM |  
|-----------------------------------|---|
| • News-Worthy Economics | • Cindermomics |
| • Using Shark Tank to Teach Economics and Entrepreneurship |  

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### Financial Literacy and Economic Education Conference
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<td>• Cash in Careers: Valuation of Human Capital</td>
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<td>• Making Sense of Personal Finance: Oklahoma’s Personal Finance Curriculum</td>
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<td>• The Stock Market Game™ Researcher</td>
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<td>• Keys to Financial Success as an Add-In to the Virtual Economics Resource</td>
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<td>• Expand Your Reach: Girl Scouts and Financial Literacy</td>
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<td>• FioCycle: Financial Life-Cycle Mathematics</td>
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<td>• Exploring British Children’s Money Relationships and Its Relevance to Their Futures</td>
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<td>• Spending my Parent’s Money, Saving my Own Money: A Mixed Methods Approach to Kids’ Purchasing Behaviors</td>
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<td>• Bernier’s Big Idea: Assessment of Entrepreneurship Materials</td>
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<td>• Funding the Future Rocks Financial Literacy</td>
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<td>• Assessing Personal Finance of Young Adults in Germany</td>
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<td>• Factors Associated with Economic, Financial and Purchase Literacy</td>
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Financial Literacy and Economic Education Conference | 23
The National Association of Secondary School Principals has placed this program on the 2017-2018 NASSP List of Approved Contests, Programs, and Activities for Students.

CEE also partnered with the Joachim Herz Stiftung Foundation. Stephanie Zhang and David Zheng, 17th Annual NEC finalists Stephanie Zhang and David Zheng also won an all-expense paid trip to the Joachim Herz Stiftung-Economy Camp in Hamburg, Germany.

Adam Smith Division: 1st Place – Mounds View High School, Arden Hill, Minnesota:

David Ricardo Division: 1st Place – North Penn High School, Lansdale, Pennsylvania:
Clare Dentner, Reid Dentner, Benjamin DiCristo, Stephanie Zhang, Gustav Maurer (Chaperone).

The Russell Glass Individual Achievement Scholarship given to the top scholar in the Adam Smith Division was presented to Michael Sawchuk, Chattahoochee High School, Georgia.

First time the NEC has seen an all girls team and China had one too!

Over 11,000 students from across the country competed and only 8 teams—32 students—made it to the finals.

Hosted by Steve Liesman, CNBC's Senior Economics Reporter and streamed live on CNBC.com along with live coverage on CNBC' s PowerLunch. A special segment recapping the Challenge was also aired on PBS' s Nightly Business Report.

The National Economics Challenge is the nation’s most prestigious high school economics competition. In 2017, over 11,000 students across the U.S. participated in the competition for the chance to win awards and recognition. The Challenge recognizes high school students for their knowledge and ability to apply real-world problem-solving and critical-thinking skills as they test their awareness of economic principles and current events.

Register Your Team: NationalEconomicsChallenge.org

The National Association of Secondary School Principals has placed this program on the 2017-2018 NASSP List of Approved Contests, Programs, and Activities for Students.
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The Quiz Bowl Round

Hosted by Steve Liesman, CNBC’s Senior Economics Reporter and streamed live on CNBC.com along with live coverage on CNBC’s Power Lunch. A special segment recapping the Challenge was also aired on PBS’s Nightly Business Report.

Awards

The Russell Glass Individual Achievement Scholarship given to the top scholar in the Adam Smith Division was presented to Michael Sawchuk, Chattahoochee High School, Georgia.

Fun Fact

Five-time National Finalist coach Martha Rush and 2nd time National Champion.

Fun Fact

First time the NEC has seen an all girls team and China had one too!

#EconomyCamp

The National Economics Challenge is available to other countries to license. For more inquiries contact Sally Wood, swood@councilforeconed.org.

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17th Annual National Economics Challenge

First time the NEC has seen an all girls team and China had one too!
FRIDAY, OCTOBER 6

CONCURRENT SESSION A
11:10 AM – 12:00 PM

LOCATION: METROTECH
Tech Talk: Efficiencies in the Classroom

This session will be an opportunity to share ideas about using technology to increase efficiencies in the classroom. Participants will learn about various technology tools which have proved effective and will be encouraged to share ideas which have been helpful for them.

PRESENTER(S): Shelby Frost, Georgia State University | Rita Littrell, University of Arkansas
GRADE: K-12 Educators

LOCATION: SALON A
Building College & Career Readiness through Entrepreneurial and Work-based Learning Experiences

This session will explore the VE-JV (Junior Ventures) Career Academy, an initiative urged by the NYC Schools Chancellor and supported by the NYC Life Foundation to bring a new model for business and entrepreneurship education to middle schools. An in-school program augmented by after-school and extended learning opportunities, VE-JV supports students in developing academic, socio-emotional, and career-focused skills. VE-JV presents students with real-world, entrepreneurial challenges in a transformed environment equipped with essential technology. The program motivates students to achieve their best in school and helps them begin identifying college and career pathways that inspire a sense of purpose and passion.

PRESENTER(S): Iris Blanc, Virtual Enterprises International, Inc
GRADE: K-12 Educators

LOCATION: SALON B
Protecting Yourself Online: Living ‘Appily Ever After With Cybersecurity Lessons

From Jack and the giant digital footprint to Goldi and the three passwords, these problem-based lessons use fractured fairy tales to introduce students to risks they can face when working online. Learn how to help students make evidence-based decisions by considering the costs and benefits of their online activities and the possible financial consequences.

PRESENTER(S): Sue Lynn Sasser, Oklahoma Council on Economic Education
GRADE: K-12 Educators

LOCATION: SALON C
Making Personal Finance Decisions

The Making Personal Finance Decisions curriculum teaches valuable personal finance lessons grounded in economic theory. These newly revised lessons employ a variety of teaching strategies designed to engage students in the learning process and equip them with the knowledge and skills necessary to make informed personal finance decisions. This session will give an overview of the curriculum and demonstrate key lessons. Copies of the lessons will be given to participants.

PRESENTER(S): Scott Wolla, Federal Reserve Bank of St. Louis, Jamie Shaw, Champlin Park High School, Minnesota Council on Economic Education
GRADE: K-12 Educators

LOCATION: SALON D
Personal Finance in AP Economics

The AP Test focuses on Macroeconomics, but not the day-to-day personal finance to make students college-ready, career-ready and life-ready. This session demonstrates how to incorporate both and how to use personal finance to help increase the understanding of Macroeconomic concepts.

PRESENTER(S): Matthew Gherman, Edward R. Murrow High School
GRADE: High School

LOCATION: SALON E
Successfully Constructing Economic Lessons for a Secondary Math Classroom

This session will present the theory and key elements of creating engaging economics lessons for a mathematics classroom. One or more sample lessons will be reviewed and deconstructed in light of best practices.

PRESENTER(S): David Perkis, Purdue University
GRADE: Middle and High School

LOCATION: SALON F
Building Consensus Around Implementation Models

We will discuss the rationale and research supporting in-school, single semester implementation of financial literacy instruction. We will share our findings from observing the growth and challenges of Magnetar Academy, a leading financial literacy program in over 70 Chicago-area high schools.

PRESENTER(S): Chauri Gupta, Rebecca Maxcy, University of Chicago
GRADE: High School

LOCATION: SALON G
Experiential Financial Education: Research Findings and Insights for Classroom Implementation

This session presents results from a study of My Classroom Economy, an experiential program for grades K-12. The study involved grades 3-5 gathered information from students, parents, and teachers in 115 classrooms. The presentation describes the program, highlights findings about its effectiveness, and offers strategies for implementing experiential approaches. Overall, experiential approaches may reduce teacher training requirements, facilitate classroom management, and support student learning at least as strongly as more formal curricula.

PRESENTER(S): Collin O’Rourke, University of Wisconsin-Madison | Aaron Standish, School District of Palm Beach County
GRADE: Middle and High School

LOCATION: GREENPOINT
Reading Makes Cent$: A Potential Partnership

Learn how Reading Makes Cent$, a financial literacy reading program available to K-5 students and librarians across the Commonwealth of Virginia, was developed and implemented. Launched in 2014 by the VirginiaSSS9 College Savings Plan and the Virginia Council on Economic Education, this program provides free books to school libraries, encourages students to learn about personal finance, and rewards them for reading.

PRESENTER(S): Lynne Stover, James Madison University | Sarah Finley, Virginia Council on Economic Education
GRADE: Elementary

LOCATION: SALON H
Experiential Financial Education: Research Findings and Insights for Classroom Implementation

We will discuss the rationale and research supporting in-school, single semester implementation of financial literacy instruction. We will share our findings from observing the growth and challenges of Magnetar Academy, a leading financial literacy program in over 70 Chicago-area high schools.

PRESENTER(S): Chauri Gupta, Rebecca Maxcy, University of Chicago
GRADE: High School
DESSCRIPTIONS

LOCATION: WILLIAMSBURG
Contemporary Economic Connections in Literature
Young people today are faced with issues that impact them socially, environmentally and economically. Literature can speak to these concerns while also addressing curricular standards and literacy. New classroom-ready lessons have been developed that tie into production, distribution, and consumption, among other themes, from the 2016 national social studies notable books list. Using these interactive literature lessons, you can connect with elementary and middle school students through stories and activities that speak to current and culturally-relevant issues.

PRESENTER(S): Gigi Wolf, Federal Reserve Bank of Kansas City
AUDIENCE: K-12 Educators
GRADE: Middle School

LOCATION: NAVY YARD
The Economics of the Film and Television Industry
Most people outside of the southeast do not realize that Georgia is the third largest producer of film and television in the United States, boasting such titles as Stranger Things, Ant Man, Passengers, the Marvel Universe, and a litany of others. This booming industry brings over $7 billion of business to the state annually. In this session, learn how tax incentives, investments in infrastructure and education, and a friendly business atmosphere is changing the landscape of this industry.

PRESENTER(S): Chris Cannon, Georgia Council on Economic Education
AUDIENCE: K-12 Educators
GRADE: Middle and High School

POSTER SESSION
11:10 AM – 12:00 PM
LOCATION: PROMENADE
"Rigging Monopoly" to Teach Economic Concepts and Social Awareness
This "Rigged Game of Monopoly" is not about wealth, private property and the "American Dream." It’s about the "social goals" of economic systems and the works of David Ricardo and others. Students will be primed and pumped to discuss societies of past and present. This session complies with N.Y. State Standard 3 Economics for Grades 5–8. It aligns with the Practices (Thinking Skills) of Gathering and Interpreting Evidence, Chronically Reasoning, Conceptualization and Contextualization, and Economic Systems.

PRESENTER(S): Doug Young, The Wiser Choice
AUDIENCE: K-12 Educators
GRADE: Middle and High School

The Reluctant Financial Literacy Teacher
So you’ve been tapped to teach a personal finance course and you’re feeling a bit overwhelmed. That’s understandable. After all, in this complex and increasingly globalized world, financial literacy is much more than knowing how to balance a checkbook or compare credit card rates. How will you structure your course? Where can you find the right resources? Join us and learn how to create a dynamic, easy-to-teach, and comprehensive personal finance and money management program for grades 8–12.

PRESENTER(S): Susan Mulcaire, Tween Publishing/c21 Student Resources
AUDIENCE: K-12 Educators
GRADE: Middle and High School

Finance Smart: A Workshop for Parents and Students
Involve parents and the community in supporting financial literacy education. Learn how community members in Mississippi combined resources and brought personal finance to students and their parents. The one-hour financial literacy session covered topics such as budgeting, taxes, student loans, and credit card debt for parents. Students learned about debt and budgeting in a separate session. Learn why this pilot program was so successful and how to duplicate the workshop for your own area.

PRESENTER(S): Julie Ingram, Florence Middle School | Michelle Taylor, Mississippi State University
AUDIENCE: K-12 Educators
GRADE: Middle and High School

Using Twitter to Engage Economic Education Affiliates, Educators, and Partners
This poster session, we will focus on ways your Council or Center can use Twitter to create and enhance the organization’s community outreach. We will cover how to get your Twitter account started, tips and tricks for building your numbers of real followers (without paying), and some recommended protocols for handling situations that can arise. We will also provide an overview of Twitter accounts currently being used by affiliate members of the CEE network.

PRESENTER(S): Margaret Brooks, Rhode Island Council for Economic Education
AUDIENCE: CEE Affiliates
GRADE: K–12

RESEARCH SESSION
11:10 AM – 12:40 PM
ROOM: GOLDEN BOARDROOM
Research on Measuring Economic and Personal Finance Learning
Chair: Carlos Asarta
1. The Disaggregation of Value-added Test Scores in Keys to Financial Success

In this paper, we use the unique Keys to Financial Success dataset to investigate the effects of a high school personal finance course on students’ personal finance knowledge. We disaggregate students’ pretest and posttest scores and study the effects of student characteristics on positive, retained, negative, and zero learning outcomes in semester-long Keys courses taught in Delaware, New Jersey, and Pennsylvania high schools from 2015–2017.

PRESENTER(S): Andrew Hill, Federal Reserve Bank of Philadelphia | Carlos Asarta, University of Delaware
AUDIENCE: CEE Affiliates
GRADE: High School
2. Look at the Birdie: A Quasi-Natural Experiment on Answer Distractors

This paper studies the differences in student learning outcomes associated with changes in the format of answer distractors in online learning resources. We compare degrees of student achievement across two versions of the same economic education online module produced by the Federal Reserve Bank of St. Louis: one employing the “All of the above” type of distractors and another one employing plausible distractors likely to reflect common student misconceptions. Finally, we study how the wording of answer distractors impacts student scores by comparing pre-test grade quartiles.

PRESENTER(S): Diego Mendez-Carbojo, Illinois Wesleyan University | Scott Wolla, Federal Reserve Bank of St. Louis
AUDIENCE: CEE Affiliates
GRADE: High School

3. Are They Guessing? Confidence-Weighted Financial Knowledge Scores

Policy is influenced by the failing financial literacy scores in many populations. Yet how much faith should we put in these scores? Are respondents just guessing? This research uses data from a multiple choice financial knowledge test administered to 354 college students. For each question, students rated their confidence in their answer on a 5-point Likert scale (1=most confident). Preliminary analyses indicate students were correct and highly confident about their answers to only four questions.

PRESENTER(S): Brenda Cude, University of Georgia
AUDIENCE: CEE Affiliates
GRADE: All

4. Evaluating Financial Literacy Curriculum for Youth with Special Needs

Rubrics were used to measure the appropriateness of Financial Fitness for Life (Gellman & Laux, 2011), Practical Money Skills (Visa, 2000–2016), Finance in the Classroom (Utah, n.d.), Money Talks 4 Teens (University of California Cooperative Extension, 2008), and Money Smart for Young Adults (FDIC, 2011) for youth with special needs. The curriculum was evaluated based on standards-based financial literacy concepts especially relevant to youth with special needs, principles of universal design, and culturally relevant curriculum goals.

PRESENTER(S): Mary Beth Henning, Sarah Johnston-Rodriguez, Northern Illinois University
AUDIENCE: K-12 Educators, CEE Affiliates
GRADE: High School

LOCATION: SALON A
SmartPath—The Middle Years

Building on the success of SmartPath in the elementary grades, this session will introduce SmartPath for grades 7 and 8. SmartPath is an award-winning, digital platform that teachers love for its efficiency and ease of use, and that students love for its fun, engaging style. And best of all, it’s free for teachers to use.

PRESENTER(S): Julie Heath, University of Cincinnati
AUDIENCE: K-12 Educators
GRADE: Middle School

LOCATION: SALON B
AP Economics: Using Multiple-Choice Questions to Improve Results on Free Response Questions

This hands-on session will show AP Economics teachers how they can use multiple-choice questions to help their students do better on free response questions. By improving students’ understanding of key economic concepts through the use of targeted multiple-choice questions, teachers will be able to use mini free response questions throughout their courses rather than waiting to do a full free response question at the end of the course after all concepts have been covered.

PRESENTER(S): Gary Stone, Winthrop University | Bruce Damasio, Towson University
AUDIENCE: K-12 Educators
GRADE: High School

LOCATION: SALON C
Does Free Trade Help Build Successful Partnerships for Economic Education?

This interactive session will utilize the concept of trade to engage the audience in real life activity to develop partnerships. Through the activity we will explore the strength and challenges of building partnerships in economic education. Participants will be encouraged to share stories of successes and failures, pros and cons in partnerships to identify a successful path to a mutually beneficial relationship.

PRESENTER(S): Elena Zee, Arizona Council on Economic Education | Barbara Gray, Thomas R. Brown Foundation
AUDIENCE: CEE Affiliates
GRADE: All

LOCATION: SALON F
Broadway Economics: Economic Lessons from Show Tunes

Using music can be an effective way to teach economics. Songs from musicals might be best, as they are designed to tell a story—and those stories are often about economic issues. This session will discuss how instructors can use BroadwayEconomics.com as a resource and will highlight a few show tunes that are ideal for teaching economic lessons.

PRESENTER(S): Matthew Roussu, Susquehanna University
AUDIENCE: K-12 Educators
GRADE: Middle and High School

LOCATION: SALON G
Personal Finance Resources: Equip Youth with Lifelong Skills

Are you looking for credible financial education resources to use when working with your students and their families? Learn how to immediately use free, noncommercial personal finance materials. Leave with instructional ideas, resource samples and confidence to immediately share what you have learned about relevant financial education programming.

PRESENTER(S): Susan Sharkey, National Endowment for Financial Education
AUDIENCE: K-12 Educators
GRADE: Middle and High School

CONCURRENT SESSION B
1:45 PM – 2:35 PM

LOCATION: METROTECH
Teaching Economics to the Tech-savvy Student

Come see multimedia in action as we teach students about public goods and the tragedy of the commons. As educators, we want to find ways to connect economics to our students’ lives. One way to do this is by adapting teaching delivery methods to the ways students normally consume content. We’ll merge videos, games, podcasts, and other interactive experiences with the latest pedagogical research to produce a lesson that will increase student comprehension and engagement.

PRESENTER(S): Mary Clare Peate, Marginal Revolution University | Doug Norton, MobLab | Alex Goldmark, Planet Money
AUDIENCE: K-12 Educators
GRADE: High School
DESCRIPTIONS

LOCATION: SALON H
State Priority, District Deliverable—Financial Literacy through Literacy
When life gives you lemons, create a statewide family financial literacy project. Come learn how Arkansas facilitated a shared family reading experience at the elementary level throughout school districts with an economics and personal finance focus. Every student and staff member received a chapter book, The Lemonade War, intentionally selected for the strong economics/personal finance connections and real world applications. You will be amazed to hear the many wonderful connections that have developed as a result.

PRESENTER(S): Marsha Masters, Economics Arkansas | Mike Poore, Little Rock School District
AUDIENCE: CEE Affiliates
GRADE: High School

LOCATION: SALON I
"Let Them Eat Cake": Microeconomics and the French Revolution
Many history teachers must now incorporate economic and geographic standards into history lessons in order to manage additional social science standards. They struggle under the misconceptions that economics is a dismal, excessively-mathematic science. Critical thinking skills used in economic analysis, however, can allow kids to interpret history in new and exciting ways. What if we could help them understand that something as simple as price controls meant to protect the poor actually led to one of the bloodiest democratic revolutions in history? How would this understanding change the way they view history and interact with modern politics?

PRESENTER(S): Staci Garber, Caravel Academy
AUDIENCE: K-12 Educators
GRADE: High School

LOCATION: GREENPOINT
Using "New" Children's Chapter Books to Teach Entrepreneurship, Economics, & Ethics
Introducing the new Cleo Edison Oliver and Billy Sure: Kid Entrepreneur series, this session features lessons and activities concerning earning, saving, spending, and decision-making. Included are classroom-ready lessons, a topical bibliography and door prizes.

PRESENTER(S): Lynne Stover, James Madison University | Rebecca Booth, Lynchburg College
AUDIENCE: K-12 Educators
GRADE: Elementary

LOCATION: WILLIAMSBURG
Take Me Out to the Ball Game...For Some Economics
Using sports in general, and baseball in particular, to teach economic concepts is an effective way to help students find relevance in what they are learning in your classroom. This session will feature activities designed to help high school students connect and apply their understanding of economic thinking to Major League Baseball and other professional sports. Hands-on activities will help students better understand numerous economic concepts associated with professional sports teams, leagues, and markets.

PRESENTER(S): Kris Bertelsen, Little Rock Branch of the Federal Reserve Bank of St. Louis | Mike Raymer, Georgia Council on Economic Education
AUDIENCE: K-12 Educators
GRADE: High School

LOCATION: GOLDEN BOARDROOM
1:45 PM – 3:15 PM

RESEARCH SESSION
Friday, October 6

ROOM: GOLDEN BOARDROOM
Economics Course Persistence and Degree Selection: An Exploration of Gender Differences among Undergraduate Students
Due to differences in state-level requirements, many students receive their initial economics exposure through an introductory college course. Some students complete additional courses and elect to major or minor in economics; however, women may be less likely than men to persist in economics courses and to earn an economics degree. This study analyzes how student, instructor, and class characteristics affect male and female economics course persistence and their selection of an economics degree.

PRESENTER(S): Laura Aftstrom, University of Delaware
AUDIENCE: CEE Affiliates
GRADE: High School

2. Cash 'n Careers: Valuation of Human Capital
We present a personal financial planning model detailing the costs and benefits of a college education. A functional version of the model—the Cash 'n Careers MS Excel tool—creates an accessible platform for detailed financial projections relevant to human capital investment. The primary target audience is young adults investigating the college decision but this session is also useful for financial literacy educators, financial aid officials, and others vested in human capital decisions.

PRESENTER(S): Matthew Ross, James DeMello, Western Michigan University
AUDIENCE: K-12 Educators
GRADE: High School

3. Innovative Ways of Teaching Financial Literacy: Lessons from Teaching Financial Literacy to College Freshmen
Levels of financial literacy in the U.S are persistently low despite many states requiring high school students to take a course in personal finance. Thus, effective and innovative ways of teaching personal finance are vital in improving financial literacy among the young. This study presents several innovative and cost-effective teaching methods designed to engage students, such as the use of video games, case studies, and media productions and assess their effectiveness in teaching financial literacy.

PRESENTER(S): J.D Jayaraman, Rosilyn Overton, New Jersey City University
AUDIENCE: K-12 Educators
GRADE: High School
SESSION DESCRIPTIONS

CONCURRENT SESSION C
2:45 PM – 3:35 PM

LOCATION: METROTECH
Hands on Banking: Your Turnkey Resource for Financial Education
Teachers will explore the Hands on Banking online program that’s aligned with national and state standards for mathematics, economics and personal finance.
PRESENTER(S): Mia B. Russell, Wells Fargo
AUDIENCE: K-12 Educators
GRADE: Middle School

LOCATION: SALON A
Getting Started with Minecraft for Economics
Find unique ways to teach economics by using one of the best-selling video games of all time. For beginners or gamer pros, this session will explain how to get started using Minecraft in your classroom along with brand new lessons from the Council for Economic Education.
PRESENTER(S): Catherine Cheo - Isaacs, Minecraft Education | Kim Holder, University of West Georgia | John Jones, Council for Economic Education
AUDIENCE: K-12 Educators
GRADE: Middle School

LOCATION: SALON B
Economic Geography
A spatial examination of the production, distribution, and consumption of goods, services and wealth AND the human and environmental impacts of these activities. Why are some nations rich while others remain hopelessly poor? How are land use decisions made to best serve markets? How will the planet cope with a growing and aging population? These economic questions can be answered through the integration of human geography.
PRESENTER(S): Brett Burkey, Palm Beach County School District
AUDIENCE: K-12 Educators
GRADE: Middle and High School

LOCATION: SALON C
Lights, Camera, Action: Teaching Economics Through Movie Making
Are you looking for a way to get your students excited about studying economics? Are you struggling to make economics relevant and accessible for young students? Making movies is the perfect way to bring economics to life! Participants will learn how to write lesson plans that use movies to increase test scores and family engagement.
PRESENTER(S): Kristina Rose-Holston, Pueblo Del Sol Elementary School | Barbara Gray, Thomas R. Brown Foundation
AUDIENCE: K-12 Educators
GRADE: Elementary

LOCATION: SALON D
Money and the Biased Mind
Why do we misbehave financially? Are we doomed to repeat our mistakes? Our biases are here to stay but we can change our mindset and improve our decision making. We explain why, by understanding behavioral economics, it’s so darn difficult to act on what we know is good for us and how we can make our mental biases work for, not against, us.
PRESENTER(S): Ryan Decker, PwC
AUDIENCE: K-12 Educators
GRADE: High School

LOCATION: SALON G
From Knowing to Doing: What Works in Boosting Youth Financial Independence and the Role of Federal Government
The Programme for International Students Assessment 2015 survey of financial literacy found that roughly one in five U.S. 15 year-olds haven’t mastered basic financial concepts. Yet there are pockets of progress: A recent study found that requiring quality financial education in high school by well-trained teachers resulted in a sustained improvement in credit scores for youth aged 18–22. Join this discussion to find out what we know works in helping youth improve their financial capability.
PRESENTER(S): Louisa Quittman, U.S. Department of the Treasury | Leslie Jones, Consumer Financial Protection Bureau
AUDIENCE: K-12 Educators
GRADE: Middle and High School

LOCATION: SALON H
Federal Reserve: The New Everyday Economics Book
The newest installment in the Dallas Fed’s Everyday Economics series is The Federal Reserve, and the book is hot off the press. Join us to preview this exciting new publication, along with a classroom lesson and visuals. Like the other Everyday Economics books, it explains important economic concepts in an understandable way and features an engaging design that deepens student understanding. Like all other Fed materials, it is available at no cost to educators. The publication addresses topics that are found in the 11th and 12th grade Social Studies Frameworks.
PRESENTER(S): Princeton Williams, Federal Reserve Bank of Dallas | Susan Kizer, Federal Reserve Bank of Dallas, Houston Branch
AUDIENCE: K-12 Educators
GRADE: Middle and High School

LOCATION: SALON I
The Art of Hosting Economic Conversations
The Art of Hosting Economic Conversations will be a dynamic, energetic, and insightful conversation driven by participants in the room. The purpose of this session is to harvest the collective wisdom of educators from across specialties, grade levels, and regions centered on driving questions about student engagement with economics content. They will discover and experience strategies that help transform the classroom into a student-driven learning experience.
PRESENTER(S): Gabriel Tanglao, Bergenfield Public Schools
AUDIENCE: K-12 Educators
GRADE: High School

LOCATION: GREENPOINT
Bell Ringers: Mini Lessons with a Hook
Get your students “hooked” on economics and personal finance with the Federal Reserve Bank of Atlanta’s new Bell Ringer series. These highly engaging mini-lessons are designed to spark student interest from the moment class begins. Surprising quotes, bingo, movie trivia, and SEC football are just a few of the “hooks” these lessons use to teach concepts such as inflation, risk and return, insurance, money and wealth, trade, entrepreneurship, market power, and public debt.
PRESENTER(S): Lesley Mace, Federal Reserve Bank of Atlanta | Sherlyn Narker, Federal Reserve Bank of Atlanta
AUDIENCE: K-12 Educators
GRADE: High School
DESCRIPTIONS

LOCATION: WILLIAMSBURG
Common Errors of the AP Macro and Micro Exams
This session will review the Advanced Placement program to clarify difficult course content and common errors that students face taking the AP Economics Macro and Micro exams. It will also discuss techniques for teachers to help students in the future. Topics will include: supply and demand, profits and losses for the firm with their cost curves along with externalities, the effect that inflation, interest rates, changes in income, and changes in real GDP have on exchange rates, the relationship between the real rate of interest and economic growth, and self-correcting mechanisms as expressed in both the aggregate supply/demand and the Phillips curve models.

PRESENTER(S): Holly Jones, The Pennington School | Theresa Fischer, Ridgefield High School
AUDIENCE: K-12 Educators
GRADE: High School

LOCATION: CONCURRENT SESSION D
3:45 PM – 4:35 PM
LOCATION: METROTECH
Understanding Fiscal Responsibility
Discover online lesson plans and interactive activities that teach students how to think critically about public policy with a focus on government, such as Social Security, Medicare, national security, the role of the Federal Reserve and more. Developed in a partnership between CEE and Teachers College, Columbia University with funding from the Peter G. Peterson Foundation.

PRESENTER(S): Andrea Caceres- Santamarina, Seminole Ridge Community High School | Chris Bujara, Kevin Gotchet, Council for Economic Education
AUDIENCE: K-12 Educators
GRADE: High School

LOCATION: SALON A
Economics of Sports
Participants will be introduced to the collection of EconEdLink lessons on the Economics of Sports. This workshop will focus on the ever-changing relationship between economics and the world of sports and will provide you with lessons for teaching economics concepts through the lens of sports. Collegiate and professional sports provide excellent examples of many economic concepts such as monopoly and monopsony market structure and labor market issues.

PRESENTER(S): Johnathan Joseph, White Plains High School
AUDIENCE: K-12 Educators
GRADE: High School

LOCATION: SALON B
Introducing an Online Microeconomics Course through EdX
Participants will learn about an online microeconomics course which covers the AP curriculum. Students interested in the AP can complete the online course and high school economics teachers can use the course materials to supplement their classes. The course includes practice problems, nearly 50 short lecture videos, and roughly 75 videos that explore real-world applications of the course material.

PRESENTER(S): Jonathan Gruber, Massachusetts Institute of Technology
AUDIENCE: K-12 Educators
GRADE: High School

LOCATION: SALON C
Using Children’s Books to Teach Economics/Personal Finance in an Elementary Math Class
Do you have teachers rave about your professional development only to hear them say: “But, I don’t teach economics and personal finance?” This session will demonstrate lessons that reinforce elementary math skills through children’s books, making specific links between personal finance and the math required in a high-stakes testing environment. Books used will include old favorites Something from Nothing and Just Saving My Money and new lessons for Lemonade in Winter and Curious George Saves His Pennies.

PRESENTER(S): Bonnie Meszaros, University of Delaware, Mary Suijer, Federal Reserve Bank of St. Louis
AUDIENCE: CEE Affiliates
GRADE: Elementary

LOCATION: SALON F
Laughter, Literature and Innovation in the Economics Classroom
If you’re ready to tackle the latest and greatest in economics education, get ready to laugh and learn. In this session we’ll show you how laughter, innovative in-class exercises and literature can help students connect with the economic way of thinking. From Adam Ruins Everything to the best bedtime stories, we’re ready to let economics take center stage in your classroom.

PRESENTER(S): Kim Holder, University of West Georgia | G. Dirk Mateer, University of California, San Diego | Courtney Conrad, Susquehanna University | Wayne Geerling, University of Arizona | Erin Yetter, Federal Reserve Bank of St. Louis – Louisville Branch
AUDIENCE: K-12 Educators
GRADE: Middle and High School

LOCATION: SALON G
SMG 40 Years and Counting
For 40 years, The Stock Market Game™ has provided effective lessons and activities on investing and the capital markets while meeting critical educational standards. Join us as we launch our 40th Anniversary year and examine SMG’s legacy of success including its flexible design, its acclaimed curriculum, the many concepts it has taught, and the national and local standards it has met. Also get a peek at the most recent SMG innovations promising to stimulate teacher use, facilitate administrator support and engage students for decades more to come.

PRESENTER(S): Melanie Mortimer, SIFMA President
AUDIENCE: CEE Affiliates
GRADE: Middle and High School

LOCATION: SALON H
Once Upon a Dime: Using Comic Books in Economics Classes
The Federal Reserve Bank of New York has released a new edition of Once Upon a Dime, which was originally created in the 1970s. This session will focus on our new edition with a focus on content overview, pedagogical strategies to use the comics in high school classrooms, lesson plans, and more! All attendees will receive a copy of the comic.

AUDIENCE: K-12 Educators
GRADE: High School
CONCURRENT SESSION D (CONT’D)
3:45 PM – 4:35 PM

LOCATION: SALON I
Helping Students Navigate Career, Education, and Debt

“If I go to college?” “Should I take on debt to pay for education after high school?” These kinds of questions have grown more important as both the benefit and the cost of post-high school education have skyrocketed. This session introduces two innovative new classrooms programs: Invest in What’s Next and Life After High School, which give students tools for making some of the biggest decisions of their lives.

PRESENTER(S): Stephen Day, Virginia Commonwealth University | Sarah Gunn, Federal Reserve Bank of Richmond
AUDIENCE: K-12 Educators
GRADE: Middle and High School

LOCATION: GREENPOINT
Full STEAM Ahead: Economics and Engineering in Elementary Classrooms

Integrating science, technology, engineering, art, and math into the elementary curriculum is an important part of helping students learn to collaborate, problem-solve, and think critically. Adding economics into STEAM lessons provides another layer of depth for students. This hands-on session will provide participants with ideas for implementing the engineering and design process and pairing it with economic concepts appropriate for elementary learners.

PRESENTER(S): Gina Boyd, Mayflower Mill Elementary School
AUDIENCE: K-12 Educators
GRADE: Elementary

LOCATION: WILLIAMSBURG
Hamilton: Where History, Broadway, and Economics Meet

In this session, you'll receive information about how historians tell our stories, what we can learn about economics from Broadway, and lessons that tie the blockbuster musical, “Hamilton,” with K-12 social studies and economics curriculum. Led by a Federal Reserve Education Specialist, an historian, and an economist, you will not want to miss this unique professional development opportunity! The history of Alexander Hamilton is, in many ways, the history of New York. It was in the “room where it happened” that New York’s future as the nation’s financial center (and eventually global financial center) was cemented.

PRESENTER(S): Susan Reilly, Florida State College at Jacksonville | Lesley Mace, Federal Reserve Bank of Atlanta | Maureen McCormick, Florida State College at Jacksonville
AUDIENCE: K-12 Educators
GRADE: Middle and High School

LOCATION: NAVY YARD
Making Financial Literacy Relevant and Reflective

Looking for innovative ways to engage your students? Join us in this interactive session as we explore the power of scenarios and reflection to help students become more financially capable. Instructors will leave with effective tools they can implement in their own classroom and a deeper understanding of the research behind them.

PRESENTER(S): Rebecca Maxcy, Kristin Fitzgerald-Hill, University of Chicago
AUDIENCE: K-12 Educators
GRADE: High School

POSTER SESSION 2
3:45 PM – 4:35 PM

LOCATION: PROMENADE
TOP Economic Education in Germany and my Classes: Let’s go!

This poster session presentation will deal with the TOP (TransAtlantic Outreach Program) for study and travel within Germany with the Goethe Institut for middle and high school teachers of economics and personal finance. Learn about opportunities to travel to Germany on a tour of educators and use this to enhance students’ understanding of the German economy and education system. We will look at historical as well as current and specific economic topics in both personal finance and economic education.

PRESENTER(S): Bruce Damasio, TransAtlantic Outreach Program
AUDIENCE: K-12 Educators
GRADE: Middle and High School

Economic and Financial Education Program from the Central Bank of Uruguay

This poster session presentation demonstrates how we can impact students with meaningful learning processes that generate their motivation to learn. Experimental learning methods tend to motivate students by arousing their curiosity and, for that reason, they have been used in the different products that have been built within the Economic and Financial Education Program (BCUEduca) from the Central Bank of Uruguay (CBU). This session will inspire educators to elaborate on activities and think of approaching difficult concepts in economics and finance with some of the unique learning techniques—initially inspired by the CEE—that BCUEduca has successfully implemented.

PRESENTER(S): Ana Caro, Banco Central del Uruguay
AUDIENCE: CEE Affiliates, K-12 Educators
GRADE: Middle and High School

An Image is Worth 1,000 Words: Student Performance Dashboards

This poster showcases several visual representations of student performance in online learning resources produced by the Federal Reserve Bank of St. Louis. Aimed at presenting instructors with benchmarks of student achievement, the graphs display the different types of value-added learning within a specific course; the correlation between “time-on-task” and post-test score, and an item-level view of pre-test and post-test student work. These metrics—among others—can help instructors identify common student errors and redirect teaching and learning efforts both at the level of course design and as aids in “just-in-time” teaching. This work is aligned with the growing body of literature in educational studies that advocates for the use of quantitative information in raising student retention and achievement rates by customizing the design of teaching and learning strategies to the student body at hand.

PRESENTER(S): Diego Mendez-Carbajo, Illinois Wesleyan University | Scott Wolla, Federal Reserve Bank of St. Louis
AUDIENCE: CEE Affiliates
GRADE: Middle and High School
National Economics Challenge
The National Economics Challenge is a fun way for students to flex their intellectual muscle and test their economic knowledge. Competitions are held at the State, National, Semi-Final, and National Final levels for high school students in two divisions: the Adam Smith Division, for advanced placement, international baccalaureate and honors students; and the David Ricardo Division for semester general economics students. Learn more about this program and how to connect with your state Economics Challenge Coordinators today!

PRESENTER(S): Rosanna Castillo, Council for Economic Education | Martha Rush, Mounds View High School
AUDIENCE: K-12 Educators
GRADE: High School

National Center Webinars & Workshops
The National Center offers FREE in-person and online professional development webinars and workshops led by educators. The workshops and webinars cover multiple topics on how to integrate personal finance and economics in the classroom and create a fun learning experience for your students. Attendees will receive hands-on active learning resources, get customizable programs for schools and districts, exchange successful tips and techniques with their peers, receive free publications, lessons and other resources and New York State teachers earn one Continuing Education Unit (CEU) for each webinar.

PRESENTER(S): Amy Geffen, Council for Economic Education
AUDIENCE: K-12 Educators
GRADE: High School

RESEARCH SESSION
3:45 PM – 5:15 PM
ROOM: GOLDEN BOARDROOM

Research on Knowledge and Behaviors in Economic and Personal Finance Education
Chair: Cynthia Harter

1. Bernie's Big Idea: Assessment of Entrepreneurship Materials
   Bernie's Big Idea: an assessment of entrepreneurship materials developed for K–2 and 3–5 grade students. John presents the findings of a pilot study of materials developed by Rockin' Enterprise titled Ideas Can Change the World: Bernie's Big Idea. The material was developed, with sponsorship from the Marcus Foundation, to teach entrepreneurship and personal finance concepts to K–5th grade children. John presents assessment strategies and results broken into two groups of students: K–2 and 3–5 grade students.
   PRESENTER(S): John Swinton, Georgia College
   AUDIENCE: CEE Affiliates
   GRADE: Elementary

2. Exploring British Children's Money Relationships and its Relevance to their Futures
   In the UK there is a strong call for the statutory integration of financial education in primary (elementary) school. The audience will learn about a group of children's knowledge, attitudes and perceptions of money collected through the use of interviews and group activities. Participants will have the opportunity to participate in the discussion and add to the body of evidence being generated to make recommendations for changes to UK teacher training and the future curriculum.
   PRESENTER(S): Jill Tindal; University of Greenwich
   AUDIENCE: K-12 Educators
   GRADE: Elementary

3. Spending my Parents' Money, Saving my Own Money: A Mixed Methods Approach to Kids’ Purchasing Behaviors
   Elementary-aged kids are excited to participate as consumers but we know very little about how kids’ independent purchasing decisions relate to their economic and financial literacy. In this study, second and fourth grade kids’ independent spending decisions were investigated through ethnographic observation, a survey, and a mock-store field experiment. The study found that the source of kids’ money affects spending and saving behaviors, suggesting implications for curriculum design and methods of improving both economic and financial literacy.
   PRESENTER(S): Amanda Jennings, University of Delaware
   AUDIENCE: CEE Affiliates
   GRADE: Elementary

4. Getting SMART with Money: Developing Critical Conceptions for Improved Behaviors
   A one-year multi-phase mixed-method study was carried out with a group of secondary students at a Hong Kong school. All students answered a pre-survey questionnaire and the intervention group was interviewed. Analysis identified the critical aspects for design of the financial education lessons, which also incorporated examples from relevant behavioral finance research. Finally, all students answered a post-survey. Impact on the students' financial beliefs, behaviors, and well-being is discussed in comparison with the control group.
   PRESENTER(S): Hua Loon Ling, The University of Hong Kong
   AUDIENCE: CEE Affiliates, K-12 Educators
   GRADE: Middle and High School

CONCURRENT SESSION E
4:45 PM – 5:35 PM
LOCATION: METROTech

MoneyMatics: Bridging the Gap Between my Money and my Mathematics
Achieving basic literacy in personal finance remains a constant challenge for today’s high school student and early college student. Without adequate knowledge in this respect, students run the risk of destroying their financial health. This talk is designed to help instructors strengthen students’ mathematical core and software proficiency using algebraically–based techniques associated with topics in personal finance. Simultaneously, students come to discover that their baseline competence level in select areas of personal finance is increased.
   PRESENTER(S): Bernard Dillard, Fashion Institute of Technology
   AUDIENCE: K-12 Educators
   GRADE: High School

LOCATION: SALON A

Behavioral Economics
It is never too early to teach students what drives economic decision making. This collection of lessons in behavioral economics teaches students by actively engaging in class experiments, analysis, and discussion of how supposedly rational decision makers behave in less than rational ways. This set of lessons includes looks at concepts such as default bias, anchoring effect, choice, loss aversion, and the endowment effect. New extensions to the current published lessons will be presented as well.
   PRESENTER(S): William Bosshardt | Andrea Caceres-Santamaria, Florida Atlantic University
   AUDIENCE: K-12 Educators
   GRADE: Middle and High School

LOCATION: SALON B

Funding the Future Rocks Financial Literacy
Funding the Future and the band GOODING teach the basics of financial literacy, harnessing the raw, undeniable energy of a live rock performance and integrating music, multimedia visuals, and a proven written curriculum. Our unique approach resonates with young audiences and they listen when we teach necessary life and money management skills including creating a financial savings and investment plan, avoiding unnecessary debt, and the pitfalls of predatory lending and payday loans.
   PRESENTER(S): Jennifer Davidson, Nebraska Council on Economic Education, Lynn Hattery, Funding the Future
   AUDIENCE: CEE Affiliates
   GRADE: Middle and High School
Ditch the Google Search Process & Find Personal Finance Resources FASTER

In this session, learn how to harness Next Gen Personal Finance’s comprehensive library of FREE resources so you can spend less time searching and more time crafting lessons. Be sure to bring your laptop or tablet! As the Financial Literacy 2016 Legislation identifies that New York educational institutions will “establish what should be included in such curriculum including the basics of financial planning, budgeting, borrowing, interest rates, personal insurance policies, etc,” Next Gen Personal Finance’s session will specifically identify and discuss resources that align with these curriculum topics.

LOCATION: SALON C

AUDIENCE: K-12 Educators
GRADE: Middle and High School

Beware: Unintended Consequences Lurk in Every Decision

Offer a 10th grader the opportunity to take two years off of school before moving on to 11th grade. Would he take you up on it? What would be the benefits? What would be the costs? Might there be unintended consequences? Policymakers make important decisions—do they always get it right? Students start with the decision to take two years off and later analyze several government policy decisions to determine costs, benefits, and unintended consequences.

LOCATION: SALON H

AUDIENCE: K-12 Educators
GRADE: Middle and High School

ENGAGEMENT. IN THIS MAKE-AND-MAKE SESSION, WE’LL SHARE EXAMPLES OF ECONOMICS-THEMED ART PROJECTS THAT INCREASE CREATIVITY AND COMPREHENSION IN ECONOMICS. YOU’LL LEAVE WITH SOME HANDS-ON ECONOMICS CRAFTING EXPERIENCE AND DETAILED INSTRUCTIONS TO TAKE IT INTO YOUR OWN CLASSROOM!

LOCATION: SALON F

AUDIENCE: K-12 Educators
GRADE: Middle and High School

LOCATION: NAVY YARD

AUDIENCE: CEE Affiliates
GRADE: Middle and High School

LOCATION: GREENPOINT

AUDIENCE: K-12 Educators
GRADE: Middle and High School

LOCATION: WILLIAMSBURG

AUDIENCE: K-12 Educators
GRADE: High School

LOCATION: SALTER C

AUDIENCE: K-12 Educators
GRADE: High School

LOCATION: SALTER F

AUDIENCE: K-12 Educators
GRADE: High School

LOCATION: SALTER G

AUDIENCE: K-12 Educators
GRADE: Middle and High School
SATURDAY, OCTOBER 7

CONCURRENT SESSION F
9:10 AM – 10:00 AM

LOCATION: SALON A
Fake News and Economics—Perfect Together

Ever wonder what your students think when they read “Janet Yellen works for Russia” or “China set to steal your job” or “Alexander Hamilton was a fraud”? This session will give you ideas and resources for teaching students about economic concepts in the context of media literacy. Fake news is everywhere—engage students in your economics classes with strategies for determining what is real and what is false online.

PRESENTER(S): Scott Bacon, University of Delaware | Mario Tiberi, Smyrna High School
AUDIENCE: K-12 Educators
GRADE: Middle and High School

LOCATION: SALON B
Career Planning: Stepping Stones to Success

Not sure what you want to be when you grow up? Worried you will get stuck working the same old job? It might be time for some career planning. Career planning is a process that helps you discover yourself, the world, and how you might best fit in at this current moment in your life. You can use it whether you are in school or getting ready to graduate. This workshop provides all the tools you need to discover, learn, and make decisions that are right for you.

PRESENTER(S): Chelsey Branham, YWCA Oklahoma City
AUDIENCE: K-12 Educators
GRADE: Middle and High School

LOCATION: SALON C
Making Math Relevant: Integrating Personal Finance into Your Classroom

Join us as we explore personal finance projects that can be used in Pre-Algebra, Algebra 1, or Algebra 2 classrooms. In this session Linda will share projects used in her Financial Algebra classroom that will easily translate into activities you can use immediately to teach concepts required in your course. Subject-specific brainstorming sessions will bring added benefit to this session.

PRESENTER(S): Linda Wenndt, The Alabama School of Fine Arts Education
AUDIENCE: K-12 Educators
GRADE: Middle and High School

LOCATION: SALON F
Making Sense of Personal Finance: Oklahoma’s Personal Finance Curriculum

Want to teach your students about potential problems from gambling? Need a lesson on student loans? Check out this session featuring 35 lessons for high school students. Each lesson includes vocabulary, easy-to-read content, activities, applications, and assessments. Plus, there’s a teacher’s guide with more resources to actively engage students in the learning process. This web-based curriculum is available for free download and aligns with Oklahoma’s state standards which are similar to national personal finance standards.

PRESENTER(S): Sue Lynn Sasser, Amy Lee, Oklahoma Council on Economic Education
AUDIENCE: K-12 Educators
GRADE: High School

LOCATION: SALON G
The Stock Market Game™ Researcher

The Stock Market Game™ stimulates student engagement, enhances students’ research-based learning and is flexible across disciplines. In this session, an award-winning SMG teacher and coordinator guide you through setting up an effective and exciting SMG classroom experience. You’ll preview lessons that inspire your students to analyze and evaluate online news and information sources and do their research before they invest.

PRESENTER(S): Sara Bryant, SIFMA
AUDIENCE: K-12 Educators, CEE Affiliates
GRADE: Middle and High School

LOCATION: DUMBO
International Economic Education at Home and Abroad

An opportunity to meet with economic educators from several countries who are attending the Annual Meeting to learn about economic education programs in their countries and to meet with representatives of the Global Economic Education Alliance to learn about GEEA’s current activities and how GEEA can assist councils and centers in developing international programs and activities.

PRESENTER(S): Hugo Eyzaguirre
AUDIENCE: CEE Affiliates, K-12 Educators
GRADE: All Grade Levels

RESEARCH SESSION
9:10 AM – 10:40 AM

ROOM: GOLDEN BOARDROOM
Research in Economic and Personal Finance Education: An International Perspective
Chair: Diego Mendez-Carbajo

1. Assessing Personal Finance of Young Adults in Germany

In this presentation, we present results from a survey of the German American Test of Financial Literacy adaptation of the American Test of Financial Literacy. We analyze the extent to which learning opportunities at school—an economics class and a vocational training program—influence young adults’ knowledge and understanding of personal finance in Germany. The presentation reveals the importance of vocational training for the development of knowledge and understanding of personal finance.

PRESENTER(S): Roland Happ, University of Mainz
AUDIENCE: K-12 Educators
GRADE: High School

2. Factors Associated with Economic, Financial and Purchase Literacy

This paper is concerned with some of the factors that determine economic literacy, financial literacy, and purchase literacy. The question of how much influence attitudes, personality qualities, education and mathematical skills have on the skill developments in the two of the aforementioned areas is investigated in the study. Similar to the financial planning skill, it becomes apparent that the ability to save is influenced almost entirely by personality and attitude variables. The skill developments in the content fields ‘debt’ as well as ‘purchase process’ are, however, independent of the personality and attitude variables.

PRESENTER(S): Hans-Jürgen Schlösser, Susanne Schürkmann, Minoubanu Askari, Andreas H undeshausen, University of Siegen
AUDIENCE: K-12 Educators
GRADE: Middle and High School
RESEARCH SESSION (CONT’D)
9:10 AM – 10:40 AM

3. Factors that influence the Financial Literacy of Dutch Students

This study examines the level of financial literacy (knowledge, behavior, attitude, and confidence) of high school students in the Netherlands and investigates which factors influence diverse financial literacy components. The relationship between Dutch adolescents’ levels of financial literacy and gender, ability levels in Dutch language and mathematics, parental SES, formal financial education, financial experience, and financial socialization through parents and peers are taken into consideration. The level of financial knowledge was measured by using the CEE Test of Financial Knowledge (Walstad & Rebeck, 2015).

PRESENTER(S): Aisa Arnagir, University of Amsterdam
AUDIENCE: K-12 Educators
GRADE: High School

4. Knowledge, Behaviors and Attitudes of High School Students and Their Parents/Guardians

Building a more financially literate society starts with an understanding of the current knowledge, behaviors, and attitudes of its citizens. This session will provide an overview of theoretical frameworks, current literature, and early findings of research on the knowledge, behaviors, and attitudes of Ontario, Canada high school students and their parents/guardians. The findings will be based on data collected through an online survey from Grade 9–12 students and their parents/guardians.

PRESENTER(S): Lisa Taylor, Nipissing University
AUDIENCE: CEE Affiliates
GRADE: High School

CONCURRENT SESSION G
10:10 AM – 11:00 AM

LOCATION: METROTECH

Innovations in Economic Education: Best Technology-Based Lessons

Come explore some of the best technology-based teaching ideas for elementary, middle school, and high school/college students. Learn ways to inspire home and school connections with elementary students (and their families), integrate economics into middle school math or history, and access multimedia resources to teach economics at the high school/college level. Experts on these topics will be presenting their ideas from the new book, Innovations in Economic Education: Promising Practices for Teachers and Students.

PRESENTER(S): Mary Beth Henning, Northern Illinois University | Tawmi Ferrarini, Northern Michigan University
AUDIENCE: K-12 Educators
GRADE: All Grade Levels

LOCATION: SALON A

Economic Reasoning: The Key to the National Economics Challenge

Unlike the AP Macro and Micro exams, it’s nearly impossible to predict which models, theories and calculations will appear on the National Economics Challenge tests. Instead, coaches must focus on developing deep economic reasoning skills so that students can reason out solutions to problems they’ve never before encountered. Coach Martha Rush, whose Minnesota teams won the National Economics Challenge in 2017 and 2015, will explain how inquiry-based teaching and the use of hands-on simulations better prepare students to think outside the “AP” box, challenge themselves, and develop a passion for economics.

PRESENTER(S): Martha Rush, Mounds View High School
AUDIENCE: K-12 Educators
GRADE: Middle and High School

LOCATION: SALON B

Teaching Economic Concepts through Games & Simulations

This session will discuss examples of effective games/simulations, an often underused educator tool, to teach economic concepts. Strategies for how economics educators can construct their own simulation activities will also be discussed. New York secondary schools face two arduous challenges that this workshop can help mitigate: the difficulty in providing for the educational needs of special education students and the high dropout rate of high school students. Using effective simulation activities in addition to traditional methods differentiates for students with different learning styles and can increase classroom engagement (Hilton 2010). This workshop can provide educators with the tools to support the students that need our support the most.

PRESENTER(S): Andrew Menfi, New Visions Charter High School For Advanced Math & Science
AUDIENCE: K-12 Educators
GRADE: Middle and High School

LOCATION: SALON C

Econ Game Show: It’s Your Life!

Learn how to use free EconEdLink and online resources to turn your classroom into an economic game show while teaching important lessons for life after high school: Is college worth it? Are all degrees created equal? How will I pay for college? What do jobs pay? Think Family Feud meets The Price is Right. Bring your mobile device and “come on down!”

PRESENTER(S): Debbie Henney, Mesa Community College | Michele Bentivegna, Raymond S. Kells High School
GRADE: High School

LOCATION: SALON F

The Elementary Math Class—A Natural Fit for Financial Literacy

Join us and learn how you can easily infuse the instruction of financial literacy in the elementary math class. Participants will receive lesson plans and resources for various lessons involving financial literacy that are directly related to the Common Core Math Standards. These lessons can be taught in whole group, small group, or as a rotation center in the math class. Participants will also receive taped lessons that they can use in their classrooms.

PRESENTER(S): Florence Falatko, Cromwell Valley Elementary School | Casey Keenan, Liberty Elementary School
AUDIENCE: K-12 Educators
GRADE: Elementary
DESCRIPTONS

LOCATION: SALON G
Compact Concept Connectors: You Want This!
Instead of economic concepts in isolation, this new set of teaching guides bundles concepts into 12 concept statements that tell the "story" of economics in a thoughtfully-sequenced manner. Each durable, eight-page, fold-out guide contains concept background and examples, an introductory activity, three reproducible activity pages with teaching notes, key points for students to understand, and extension ideas (activities, children's literature connections, online connections, writing prompts, and more).
PRESENTER(S): Curt Anderson, Gniee Channell, Economics Arkansas | Debbie Shearer, Marsha Masters, Economics Arkansas
AUDIENCE: K-12 Educators
GRADE: Elementary

LOCATION: SALON H
The Economics of Inclusion: Empowering Society's Marginalized Groups
With populist movements gaining traction in many countries and a worldwide refugee crisis, it is an important time to highlight key issues that hinder economic freedom and opportunity. In this session, SC Economics professionals will delve into the importance of inclusion to economic well-being of all members of society by providing key elements that teachers can use to discuss and teach about issues related to race, gender, and immigration.
PRESENTER(S): Lori Dikes, Clemson University | Amanda Stiglbauer, SC Economics
GRADE: Middle and High School

LOCATION: SALON I
The Social, Political, and Economic Conditions of Les Misérables
In this presentation, participants will learn the social, political, and economic conditions that created the backdrop to Les Misérables. Various economic concepts are not only defined but applied to this time period. At the end of the presentation, a drawing will be held to see who will win the movie and a copy of the curriculum.
PRESENTER(S): Christy Walker, Cindy McMullen, Germantown High School
AUDIENCE: K-12 Educators
GRADE: Middle and High School

LOCATION: GREENPOINT
Keys to Financial Success as an Add-In to the Virtual Economics Resource
Use the Keys to Financial Success teacher's manual to bring Financial Fitness For Life and Learning. Earning, and Investing together as a cohesive high school personal finance course with proven results. Our brand new add-in to the Virtual Economics Resources makes it easy to teach the 52 Keys lessons by clicking your way to all the CEE and Key resources in one place.
PRESENTER(S): Andrew Hill, Todd Zartman, Federal Reserve Bank of Philadelphia
AUDIENCE: K-12 Educators
GRADE: High School

CONCURRENT SESSION H
11:10 AM – 12:00 PM

LOCATION: METROTECH
AP Micro Fun & Games
This presentation will focus on AP Microeconomics content. Attendees will participate in a variety of games and puzzles that promote student engagement while reinforcing key microeconomic models and concepts. All necessary materials for classroom use will be made available digitally. Any teacher in New York who teaches AP Microeconomics will find this session immediately useful.
PRESENTER(S): James Lerch, University High School | Megan Kirts, Catalina Foothills High School
AUDIENCE: K-12 Educators
GRADE: High School

LOCATION: SALON A
Award Winning Teachers Share Best Practices
Learn ideas and best practices from teachers who instill in students an understanding of economics and the tools to make informed and responsible decisions that they will carry with them as they grow into successful and productive adults. Attendees will hear from winners of the 2017 Alfred P. Sloan Foundation Teaching Champion Awards and the 2017 John Morton Excellence in the Teaching of Economics Awards.
PRESENTER(S): Amy Geffen, Council for Economic Education | Ted Opderbeck, Waldwick High School | Doug Kramer, Herricks High School | Gabriel Tanglao, Bergen County Technical Schools | Ashley Biernacki, Greco Middle School | Michael Clark, Obra Tompkins High School
AUDIENCE: K-12 Educators
GRADE: Elementary, Middle and High School

LOCATION: SALON B
Teaching Unemployment Across the Curriculum
This session showcases several creative lesson ideas about teaching unemployment which were field-tested by high-school teachers. One of the teachers who field-tested a lesson will share her experience and demonstrate that any subject area of social studies can be a fruitful ground for the infusion of economics, economic text analyses, and quantitative literacy concepts into pedagogical practices. The need for integrating economic concepts into the middle and high school curriculum is well documented, especially after the adoption of Common Core national standards and during the current push for the implementation of these standards in New York.
PRESENTER(S): Natalia Sminova, American Institute for Economic Research | Vicki Fuhrhop, Collinsville High School
AUDIENCE: K-12 Educators
GRADE: Middle and High School

LOCATION: SALON C
Expand Your Reach: Girl Scouts and Financial Literacy
Among the National Proficiency Badges that Girl Scouts earn, the Financial Literacy theme might be the most challenging for their leaders. This is where you come to the rescue. Learn about free resources for troops Daisy through Senior and become a partner with your local Girl Scout Council, either working directly with girls or with their leaders. You will see model programs and work through engaging lessons on making choices, identifying money, spending, and saving.
PRESENTER(S): Barbara Flowers, Federal Reserve Bank of St. Louis
AUDIENCE: CEE Affiliates
GRADE: Middle and High School
CONCURRENT SESSION H (CONT’D)
11:10 AM – 12:00 PM

LOCATION: SALON F
Off the Grid: Gamify Your Classroom the Old School Way!

There is a multitude of online resources for teaching personal finance and economic concepts. Get off the grid and experience lesson plans for board games like Monopoly and Settlers of Catan. Not only will students have fun learning, they will be developing teamwork skills while engaged in fun, hands-on activities. Students will learn about scarcity, trade, opportunity cost, income, and expenses. Join us and go old school!

PRESENTER(S): Julie Ingram, Florence Middle School
AUDIENCE: K-12 Educators
GRADE: Middle and High School

Cindernomics

Explore economics while traveling the world in Cinderella’s slippers. Using different versions of the Cinderella story, students have the opportunity to experience decision-making, opportunity cost, productive resources, goods and services, and much more. The various Cinderella stories serve as a launching point for students to study the economies, culture, and food from different versions of the Cinderella story, students have the opportunity to experience decision-making, opportunity cost, productive resources, goods and services, and much more. The various Cinderella stories serve as a launching point for students to study the economies, culture, and food from different versions of the Cinderella story, students have the opportunity to experience decision-making, opportunity cost, productive resources, goods and services, and much more. The various Cinderella stories serve as a launching point for students to study the economies, culture, and food from around the world. Participants will leave with links to activities and lessons.

PRESENTER(S): Jennifer Taunton, Springdale School District
AUDIENCE: K-12 Educators
GRADE: Elementary

RESEARCH SESSION
11:10 AM – 12:40 PM

ROOM: GOLDEN BOARDROOM

Research on Teacher Preparation and Classroom Applications
Chair: John Swinton

1. Designing a Professional Learning Course for Financial Literacy Teachers

In this research session, we will share what we learned from designing and beta-testing an online professional learning course for high school financial literacy teachers. We will share design principles for the course, challenges we faced during development, and results from initial use of the course by practicing teachers.

PRESENTER(S): Meg Bates, Rebecca Maxcy, University of Chicago
AUDIENCE: CEE Affiliates
GRADE: High School

2. Adapting a German Test Instrument to Evaluate Subject-Specific Instructional Skills of Teachers of Economics in the USA

There is still a lack of research on the evaluation of teachers’ instructional skills in the field of economics. To remedy this deficit, a German test instrument has been adapted and is to be validated with experts in economic education in the US. The data collected in a subsequent pilot study will allow first comparative analysis of teacher training, offering further relevant insights into the professionalization of teaching and learning economics in both countries.

PRESENTER(S): Sebastian Brueckner, Johannes Gutenberg University Mainz
AUDIENCE: CEE Affiliates
GRADE: High School

3. Teaching Personal Finance Using Behavioral Economics

Incorporating lessons from behavioral economics and sound educational theories in pedagogy, this presentation provides a critical look at the traditional teaching methods of personal finance. The presentation demonstrates how to incorporate new research on consumer behavior and how to tailor lessons to improve financial literacy. Modeling lessons are included as well as interactive opportunities for participants. The focus is on consumer literacy and choice. In that New York may face slightly more consumer choices than other parts of the county, this presentation might be considered especially relevant.

PRESENTER(S): Virginia Vancil, Shelton High School
AUDIENCE: K-12 Educators
GRADE: High School

4. A Practice-based Theory of Economics Instruction with Practical Classroom Applications

This in-depth case study research investigated the pedagogical content knowledge and personal economic orientations of three award-winning secondary economics teachers by using prolonged classroom observations, extensive interviews, surveys, questionnaires, pre/post-tests, and artifacts. Five “best practice” themes emerged from the data: curriculum connections, citizenship preparation, economic reasoning, active learning, and student relevance. For each theme, the author/researcher will discuss implications for effectively teaching economics along with practical classroom applications.

PRESENTER(S): Cheryl Ayers, Virginia Tech & University of Virginia
AUDIENCE: K-12 Educators
GRADE: Middle and High School

CONCURRENT SESSION I
1:20 PM – 2:10 PM

LOCATION: METROTECH
To the Internet and Beyond!

In this session, participants will actively explore social media and technology in the economics classroom to increase communication, creativity, collaboration, and critical thinking! Engagement will skyrocket in the classroom when employing these easy-to-use techniques, sites, and apps.

PRESENTER(S): Megan Bird, Fireside Elementary School | Deirdre Calhoun, Civano Community School
AUDIENCE: K-12 Educators
GRADE: Elementary
SESSION DESCRIPTIONS

Saturday, October 7

LOCATION: SALON A

Financial Literacy in Non-Traditional Educational Settings

Based on CEE’s work with foster care practitioners in New York City, this workshop will explore strategies for supporting non-teachers as they work with young people in non-traditional settings. Materials will help educators and facilitators develop components that further enhance concepts in mathematics and finance. Learn how to create programming for extracurricular activities, designing project-based learning or modify afterschool components. Sample curriculum and project-based learning will be highlighted while sharing best practices.

PRESENTER(S): Ruben Rivera, Children’s Aid Society

AUDIENCE: K-12 Educators, CEE Affiliates

GRADE: Middle and High School

LOCATION: SALON B

FiCycle: Financial Life-Cycle Mathematics

How to teach math as finance and finance as math: an introduction to FiCycle. Play games of chance to see how expected value and binomial distributions help you decide whether to buy insurance. Learn how the fundamentals of personal finance can be presented within a high school math course. Our course is already being piloted at four New York High Schools. We know how our course fits in with New York curriculum requirements and can help teachers and schools implement it.

PRESENTER(S): Phillip Dituri, Jack Marley-Payne, Andy Davidson, FiCycle

AUDIENCE: K-12 Educators

GRADE: High School

LOCATION: SALON C

Incorporating Lifecycle Analysis to Promote an Understanding of the Economics of Sustainability

In a consumer-oriented culture, decisions are made based on what is marketed but often the connection between purchase decisions and social and environmental outcomes are poorly understood. Young people are often the most vulnerable. They inherit pre-existing frameworks of economic systems that may not be consistent with the emerging issues and related attention required. This presentation will focus on the role of economic education in enabling responsible choices for financial, environmental and social good. Sustainability is a topic that is being embedded within the New York public school system. This session provides several suggestions for furthering sustainability education efforts.

PRESENTER(S): Madhavi Venkatesan, Northeastern University

AUDIENCE: K-12 Educators

GRADE: High School

CONCURRENT SESSION J

2:20 PM – 3:10 PM

LOCATION: SALON A

News-Worthy Economics

News-worthy events occur on a daily basis. Economic principles can be applied to current economic events. We must seek out the news and educate ourselves and our students. We cannot assume that our students take time to inform and educate themselves on current economic events. Economics is one of those great disciplines that can literally be applied to any topic. The economic data and stories provided in the textbooks are useful, but they become outdated rather quickly. Join Kristen as she takes you through her process of researching and incorporating articles and podcasts to help better educate and engage students.

PRESENTER(S): Kristen Zaborski, State College of Florida

AUDIENCE: K-12 Educators

GRADE: Middle and High School

LOCATION: SALON B

Using Shark Tank to Teach Economics and Entrepreneurship

Create your own Shark Tank competition. The “Sharks” in this simulation are the students themselves who have limited resources (loanable funds) to satisfy the unlimited wants of their entrepreneurial classmates. Business plans, power points, and elevator clips need to be created and presented to gain funds for their business ventures.

PRESENTER(S): Douglas Young, The Wiser Choice

AUDIENCE: K-12 Educators

GRADE: Middle and High School

LOCATION: SALON C

What do Zombies, The Stock Market and Energy Bar Entrepreneurs have in Common? Economics, Of Course!

Teaching the economics of zombies, stock market portfolios, and how to be an energy bar entrepreneur will invigorate your high school economics classroom. Come join us to learn how to entertain and educate your students with lesson plans that use cooperative learning, presentation skills, music and popular media. We have lesson plans to share with you! The proposed lesson plans have been aligned to meet New York Social Studies and Economics Standards.

PRESENTER(S): Jean McKnight-Guymon, Cienega High School | Jana Franz, Vail School District

AUDIENCE: K-12 Educators

GRADE: High School
**CONFERENCE EXHIBITORS**

The Association for Financial Counseling and Education® (AFCPE®)
www.afcpe.org

The Association for Financial Counseling and Education® (AFCPE®) is the nationally recognized leader in financial counseling, coaching and education. Bringing together research, education and practice, we support the profession through comprehensive training, professional development and high-quality resources to help improve the economic well-being of individuals and families worldwide.

Ally.com
www.ally.com

Ally Financial Inc. (NYSE: ALLY) is a leading digital financial services company and a top 25 U.S. financial holding company offering financial products for consumers, businesses, automotive dealers and corporate clients. Ally Bank, the company’s direct banking subsidiary, offers an array of banking products and services.

Bank of America
www.bankofamerica.com

Bank of America has partnered with Khan Academy to create BetterMoneyHabits.com, a new way to learn the “why” and the “how” behind personal finance and we believe our collaboration with Khan Academy will help you put that knowledge into practice more effectively than ever before. This website features videos on understanding credit, home buying and saving & budgeting.

BizKid$ www.bizkids.com

BizKid$ is a national financial literacy and youth entrepreneurship initiative whose foundation is a national PBS television series. It has a robust website with lesson plans for upper elementary, middle school and high school (some in Spanish), national and state mapping for all lessons, business and budgeting tools for kids and video games where kids can learn while having fun. BizKid$ has received national recognition for its outstanding content in all areas.

Bureau of Economic Analysis www.bea.gov

The Bureau of Economic Analysis is the world’s trusted, impartial source of comprehensive data about the U.S. economy. BEA’s economic statistics, free and accessible to all, inform decision making by businesses, entrepreneurs, consumers and governments.

Tween/c21 Publishing www.c21publishing.com

C21/Tween Publishing is a small indie provider of college readiness elective and enrichment programs. We know that true college and career readiness is more than mastery of content. Our mission? We identify gaps to CCRD and design curriculum to bridge those gaps. Our resources apply across all areas of the curriculum with skills that transcend grade levels, making a tangible difference in students’ college readiness.

Cengage/National Geographic Learning www.nationalgeographiclearning.com

National Geographic Learning, a part of Cengage, provides quality PreK-12, Academic, and Adult Education instructional solutions for reading, science, social studies, mathematics, world languages, ESL/ELD, Advanced, Honors, & Electives, Career and Technical Education, and Professional Development. See our new catalog at NGL.Cengage.com/catalogs.

University of Arizona/Center for the Philosophy of Freedom www.freedomcenter.arizona.edu

The Center for the Philosophy of Freedom’s mission is to promote the understanding and appreciation of the ideals of freedom and responsibility along four dimensions: published research, undergraduate education, graduate education, and K-12 education. Ethics, Economy, and Entrepreneurship is a dual enrollment course offered to high school students through the University of Arizona.

CentSai.com www.centsai.com

CentSai.com is a unique free platform that teaches its millennial readers financial wellness through story-telling. We are both a social platform focused solely on financial wellness, and a digital community that brings millennials, financial experts and brands together. We believe that story-telling is the most effective way of teaching about personal finance. That is why our blogs, written by fellow millennials and experts, will resonate. Our robust team of writers, contributors and editors is only the starting point of the conversation.

Council for Economic Education www.councilforeconed.org

The Council for Economic Education (CEE) is the leading organization in the United States that focuses on the economic and financial education of students from kindergarten through high school—and we have been doing so for nearly 70 years. Our goal is to reach and teach every child to create a more informed citizenry capable of making better decisions as savers, investors, borrowers, voters, and participants in the global economy. We do this by educating the educators: providing the curriculum tools, the pedagogical support, and the community of peers that instruct, inspire, and guide.

The DBQ Project www.dbqproject.com

The DBQ Project is a publisher of high-quality writing resources and provides professional development support to districts nationwide. We help teachers implement rigorous writing and thinking activities with students of all skill levels, grades 4-12. The DBQ Project offers materials in print and digital formats in History, Literature, Geography, Economics, and Civics and provides professional development training and support to schools and districts nationwide.

EVERFI www.everfi.com

Together with a network of 20,000+ schools and hundreds of partners who share our mission, EVERFI delivers engaging digital resources at no cost to help equip students with critical skills for success beyond the classroom. Web-based programming empowers students to become the stewards of their financial futures through game-based activities, simulations, animations, and video. Educators can track student progress on their Teacher Dashboard and can access offline lesson plans, supplemental question sets, and vocabulary resources, in addition. Stop by to gain access today!

Federal Deposit Insurance Corporation www.fdic.gov/education

Consumers, bankers and community service providers can use free Money Smart tools to teach or learn about basic financial topics. Money smart is also available for different age groups and in nine different languages. Another Money Smart program helps new and aspiring entrepreneurs understand business financial basics.

Federal Reserve Bank www.federalreserveeducation.org

The Federal Reserve Bank is dedicated to enhancing the economic and financial literacy of youth across the United States with effective educational programs and resources for educators and students. Resources available through the Federal Reserve include teacher workshops, onsite tours, classroom curricula, and other tools to provide both teachers and students applicable classroom knowledge about the Federal Reserve System and related concepts of economics and personal finance.

Federal Reserve Board’s U.S. Currency Education Program www.uscurrency.gov

The U.S. Currency Education Program (CEP) is responsible for ensuring that users of U.S. currency around the world have access to education, training, and information about Federal Reserve notes. The U.S. Currency Education Program (CEP) offers free hard-copy and digital resources on U.S. currency. We provide an online training course, animated videos, information on the history of money in the U.S., and much more. Check out all our resources on www.uscurrency.gov!
The Foundation for Teaching Economics (FTE)
www.fte.org
The Foundation for Teaching Economics is a nonprofit organization that has been providing Economic Education professional development opportunities and free curriculum materials for over thirty years. The focus of FTE programs is teachers in the middle and high school level. FTE has worked with many Centers and Councils across the country as well as school districts and individual schools. We provide a variety of university credit professional development opportunities.

Funding the Future
http://cosf.fsu.edu/stavros
Funding the Future, a nationally recognized 501(c)3 nonprofit organization, presents an innovative solution to the growing financial literacy issue across the United States by teaching financial literacy to students. Our mission is to teach financial literacy to every student in America! We engage them with a live concert, inspire with the musicians’ personal stories, and encourage critical thinking during a spirited Q&A. They learn how to harness money as a tool to succeed, achieve dreams and change lives. Teaching young people to make smart financial decisions now leads to a better shot at success in the future!

Stavros Center at Florida State University
www.fundingthefuturelive.org
The Center is a member of the Council for Economic Education, and as a Council member, assumes responsibility for furthering economic education both in schools and among community groups in its service area.

HowTheMarketWorks, Stock-Trak, Inc.
www.howthemarketworks.com
HowTheMarketWorks.com is owned by Stock-Trak Inc., the leading provider of educational stock market games and stock market contests. HowTheMarketWorks is the #1 free, real-time, streaming stock market game that is used by over 350,000 individuals and 10,000 high school and middle school classes each year. This site has all you need to learn How The Market Works: Quotes, Charts, Wall Street Analyst Ratings, Company News & Financial Statements, Trading Ideas, Videos, Glossaries, Financial Calculators, Lesson Plans and more.

Marginal Revolution University (MRU)
www.mruniversity.com
Marginal Revolution University (MRU) is a library of free online economics education videos taught by leading economists in their fields. Students can test their knowledge with practice questions and teachers can find and share teaching resources.

MobLab
www.moblab.com
MobLab is an educational technology startup focused on bringing interactive markets and games to economics, management and the social sciences in general, both in and out of classrooms. MobLab offers a suite of interactive games and surveys, from its cloud service, covering a wide range of social and economic topics. Students can participate using Android and iOS mobile devices as well as laptops from anywhere at any time. Learning becomes immersive. Instructors can conveniently configure, run, monitor and analyze game activity all from the instructor console. Teaching becomes engaging and data driven.

My Classroom Economy | Vanguard
www.myclassroomeconomy.org
My Classroom Economy is a program that enables any educator to teach children financial responsibility through fun, experiential learning. It’s a simple classroom economic system based on the idea that students need to earn school “dollars” so that they can rent their own desks. By bringing real-world scenarios into the classroom, students see the impact of their decisions to save, spend, and budget. You may download and copy any materials for use in your classroom. There is no charge to use our materials. Some items can be personalized: On the job offer form, for example, you can fill in the blanks onscreen and print an individual offer for each of your students. If a school lacks the resources to print or copy materials from this site, they may order copies online. Vanguard will mail you individual items you choose or the complete kit for the grade you teach.

National Credit Union Administration
www.MyCreditUnion.gov
The mission of the NCUA is to provide, through regulation and supervision, a safe and sound credit union system, which promotes confidence in the national system of cooperative credit. Learn more about NCUA’s mission, culture, values and how we ensure millions of Americans can safely and confidently use credit unions for their financial needs.

National Endowment for Financial Education (NEFE)
www.hsfpp.org/econ
The National Endowment for Financial Education (NEFE) is a private nonprofit 501(c)3 organization dedicated to inspiring empowered financial decision making for individuals and families through every stage of life. As a public service since 1984, NEFE has provided noncommercial, credible resources to help educators and community volunteers empower others with skills for sound financial decisions.

NextGen Personal Finance
www.sngpf.org
NextGen Personal Finance (NGPF), a non-profit, curates and creates the best FREE resources on the web and has quickly become the “one-stop shop” for thousands of educators in all 50 states. NGPF believes that all young people deserve a free and high-quality education to improve and expand their financial capability.

The SIFMA Foundation
www.sifma.org/foundation
The SIFMA Foundation is dedicated to fostering knowledge and understanding of the financial markets for individuals of all backgrounds, with a focus on youth. Drawing on the support and expertise of the financial industry, the SIFMA Foundation provides financial education programs and tools that strengthen economic opportunities across communities and increase individuals’ access to the benefits of the global marketplace.

U.S. Securities and Exchange Commission
www.sec.gov
The mission of the SEC is to protect investors; maintain fair, orderly, and efficient markets; and facilitate capital formation. The SEC strives to promote a market environment that is worthy of the publics trust.

Hands on Banking | Wells Fargo
www.wellsfargo.com/
The Hands on Banking® online learning center offers resources for anyone who wants to learn more about money management. Our financial articles can help you find answers to your questions, from budgeting tips to buying a home, to improving your credit. Our self-directed courses take you in depth to improve financial literacy at each stage of life. We also offer classroom resources for educators. Together, we’ll help you and your family take charge of your financial future.

NGPF
www.sngpf.org
NGPF Next Gen Personal Finance

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Hands on Banking

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Assurant Cares.

In everything we do, we remember that people count on us.

The Assurant Foundation is proud to support financial education in schools nationwide.

We believe in teachers and the life-changing impact they can have on their students. Through our partnership and support of the Council for Economic Education, we know that teachers receive valuable resources and professional development opportunities.

Thanks for all that you do to further financial understanding and build brighter futures.

www.assurant.com
Online Personal Finance Games
Online personal finance games for high school students—Gen i Revolution

Online Interactive Resources
Hands-on approach to teaching that is relevant to how students learn in today's classroom

Online Assessment Center
Real-time data and measures of student knowledge and understanding of economic and personal finance concepts

Online Professional Learning
Professional development opportunities for educators, including video demonstrations and webinars

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www.assurant.com
PRESENTERS

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CEE PREDICTS THE NEWS

Social unrest, cyberattacks and natural disasters are making headlines in 2017. The Council for Economic Education (CEE) – in prescient fashion – has already been educating K-12 teachers on the implications for and context of these issues and events.

The teacher workshops, webinars and lesson plans below are just an example of the efforts put forth by CEE to help students understand these situations.

Driving through Jim Crow (Teacher Workshop) – How do we as a country process the civil unrest in St. Louis and Charlottesville? Answering that question requires historical context. This workshop explores the era of Jim Crow and the discrimination of African Americans in our country.

Cybersecurity and Economics: Protecting Your Identity Online (Lesson Set, Webinar) – With cyber-attacks and hacks increasing, it’s essential for students to develop intelligent online behavior. In this lesson, students learn the do’s and don’ts of going online through the fairy tale of Little Red Riding Hood.

Natural Disasters in Children’s Literature (Lesson Set, Webinar) – The impact of Hurricanes Harvey, Irma and Maria was devastating from both a personal and economic standpoint. These lessons help our students understand the economic consequences of these types of natural disasters.
You can't read the news without seeing why a fundamental understanding of economics and finance is so important to the future of our youth and our country. The National Personal Finance Challenge provides students with an exciting and motivating opportunity to build, apply and showcase their knowledge of this important subject. And it provides teachers with the opportunity to give their students essential tools to create financial stability and economic opportunity.

Students across the country compete on the state level, with state winners advancing to the National Finals. By participating in the National Personal Finance Challenge, your students will:

• Have the chance to win cash prizes
• Experience teamwork and cooperation
• Expand their knowledge of personal finance

Create Your Team Today
https://financechallenge.unl.edu/
Helping them prepare for financial success

It’s never too soon to teach the importance of saving, and to show our commitment, Wells Fargo has developed a free, financial education program to make learning about saving easy. *Hands on Banking®* helps take learning to the next level.

**Wells Fargo proudly sponsors the 56th Annual Financial Literacy & Economic Education Conference.**

To find out more, stop by and talk with a banker today, or visit [handsonbanking.org](https://handsonbanking.org).

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