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IMPACT II Idea EXPO Registration

Saturday, December 3, 2016 • 8:00 a.m. - 4:00 p.m.

Miami Airport Convention Center • 711 NW 72nd Avenue, Miami, Florida 33126

Register online at educationfund.org until November 30th or complete the form below and return via mail or fax to 305.558.4964.

Name _____

E-mail _____

Home Phone _____ Cell Phone _____

School _____ Grade _____

Conference fee includes keynote, workshops, display exhibition, Idea Packets, give-a-ways, breakfast and lunch.

☐ **\$39.50 conference fee** (50% off the full fee of \$79 if registered by October 10, 2016.)
If registering online, use promo code **SUMMER2016**

☐ \$79 conference fee (if registering after October 10, 2016)

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☐ Mail or deliver a check, made payable to The Education Fund, 6713 Main Street, Suite 240, Miami Lakes, FL 33014.

Were you referred by a Conference presenter? If so, please list their name: _____

Registration confirmation will be emailed. **As an Idea EXPO attendee, you qualify for 9 Master Plan Points.** To receive these M-DCPS professional development credits (MPPs), you must sign up on the M-DCPS My Learning Plan System at www.dadeschools.net by December 1st, fill out the Professional Conference/Seminar Form (#5739) at the Idea Expo and complete the My Learning Plan Evaluation.

Schools paying for teachers to attend, may submit a purchase order (mail to address above or fax to 305-558-4964). For more information about the Idea EXPO, contact Edwina Lau at elau@educationfund.org or 305-558-4544, ext. 113.

To register, complete this form and indicate your 1st, 2nd and 3rd choices in each of the four (4) following workshop sessions (A, B, C, D). To guide your selection, listed after each workshop title is the year it appeared in the *Ideas with IMPACT* catalog, the subject code(s) and the grade level(s).

Codes: a=art; cm=classroom management; fl=foreign language; i=interdisciplinary; la=language arts; m=mathematics; mu=music; s=science; ss=social studies; t=technology; ve=varying exceptionalities; ese=exceptional student education.

*** PLEASE NOTE: Registration for workshops highlighted in green are limited to teachers in Collaborative Nutrition Initiative (CNI) schools.**

SESSION A

(Indicate your preference by placing a 1st, 2nd and 3rd by your top choices in Session A)

ELEMENTary (15-16) s, la, 4-6

Disseminator: Maria Aluma

Teach students a new way to learn the periodic table as they research and create a chart of their bodies that includes all the elements in the table that can be found in their body. Students also explore the elements found in the foods that they eat.

Florida's Edible Aquifer

(16-17) s, 6-8

Disseminator: Gwendolyn Foote

An engaging project where students create an edible model of an aquifer by layering items such as ice, food coloring with soda, ice cream, cereal, and candy sprinkles to simulate the

action and function of aquifers and the process of water interaction with sediment. Students use science inquiry and labs to understand the concepts of Earth's structures and the integration of the water cycle with water as a natural resource.

The Chemistry of Ocean Acidification (16-17) s, 9-12

Disseminator: Logan Johnson

This project ties a pressing, global event - ocean acidification - to a chemical phenomenon and help students understand how the study of chemistry explains and can help find a solution to what could be a catastrophic event. It also explores how changes in pH can affect plant and animal life.

Enlarging Masterpieces - 2 BLOCK SESSION A & B

(10-11) a, m, K-12

Disseminator: Michael Flaum

Learn to create and enlarge paintings, for murals, backdrops, wall decorations. Participants will create an enlargement at the workshop.

Haiku History (15-16) la, ss, 5-12

Disseminator: Michelle Singh

Haiku History stimulates student interest in past and current events that affect the world around them by exposing them to the reading and analysis of fiction and non-fiction, as well as the expressive writing of poetry on these significant social issues.

Hats Off To You! (15-16) m, 2-6

Disseminator: Ana Fullana

Students explore the world of Pi as a ratio and the relationships between different parts of a circle. In a hands-on activity, students create

and design their own unique hat. This project is an innovative way to teach the meaning of circumference, as students will apply and solve problems in a real-world context involving Pi.

I Want to Hold Your Hand

(16-17) s, m, la, 6-8

Disseminator: Dr. Suzanne Banas

The goal of this project is to provide students with an understanding of new NASA missions and how they can contribute to them. Students construct a robotic-like hand and to demonstrate how data is collected when using robotic technology.

iBot, uBot, We All Build Robots

(14-15) s, 6-9

Disseminator: Bridgit Coley

Build your own robot using LEGO elements, motors, and intelligent sensors. Using the LEGO Mindstorm EV3, program your robot with intuitive icon-based programming interface. After adjusting behavior, it's time to play!



iPublish Powerful Pop-Ups and Brilliant Brochures (13-14) t, regular, ESE, gifted, VE, K-12

Disseminator: *Eugenio Gant*
Use these fun, authentic hands-on tasks to reach the most reluctant learner. Students create pop-up books and travel brochures on Florida (or any topic you choose). Dynamic apps allow students to write, illustrate and animate a story and publish online.

LEGO: MoreToMath Than Meets the Eye (15-16) m, K-3

Disseminator: *Zeny Ulloa*
An innovative hands-on educational tool for targeting mathematical problem solving, the LEGO brick makes theoretical and abstract mathematical concepts tangible for students. When coupled with the current math curriculum, the MoreToMath set successfully provides students with the visual/kinesthetic tools to reinforce and understand the latest Math Common Core State Standards (CCSS).

My Life in 2 Minutes (16-17) ss, la, 3-5

Disseminator: *Sharon Geuther*
If you were given two minutes to gather your most important possessions, what would you take? Students answer this question in an activity that immerses them into a true-to-life story that evokes emotion and encourages them to form a connection with their personal life and the events of the Holocaust. Through this project, students learn about the concentration camps of Auschwitz-Birkenau and how what few belongings the Jewish people had were taken from them when they arrived.

Punctuation Station Grammar Board Game (16-17) la, 6-8

Disseminator: *Ileen Martin*
Need a fun and creative way to make grammar more memorable? This project allows students to collaborate together and create an exciting, hands-on project that makes learning and reviewing grammar concepts an unforgettable experience.

Reading Through Rhymes and Rhythms (01-02) la, mu, fl, esol, pre-K-2

Disseminator: *Nancy Sale*
Karaoke is used to help children with visual, aural, and language development.

Shakespeare Our Way! (16-17) la, 9-12

Disseminator: *Griselis Reyes*
What if you imagined Julius Caesar as Lord Voldemort, or Darth Vader? Students transform their favorite scenes by working together to rewrite and act out Shakespeare's most famous scenes using themes such as Harry Potter, Star Wars, Hip-Hop, and more. There is no better way to test students' comprehension of the text than by having them creatively prove they understand it while also having fun!

Souper Chefs! (16-17) la, m, ese, K-5

Disseminators: *Ellen Skidmore and Barbara Essinger*
Using stories with food themes, such as *Strega Nona* or *The Doorbell Rang*, students learn to correctly follow a recipe, measure ingredients, how to peel, chop, grate, blend, and mix ingredients to produce a delicious dish. At the end of the project, each child takes home a

literature-based cookbook to share with their family to continue their culinary adventures.

TD Bank WOW!Zone m, la, ss,
TD Bank instructors present a free financial education program which includes fun, interactive teacher-written lessons, online resources and a virtual stock market game. TD Bank instructors are available to teach your class!

Teaching Trunks on the Holocaust (11-12) ss, la, a, K-12

Disseminator: *Esther Sterental and Tom Glaser*
Teaching Trunks from the Florida Holocaust Museum in St. Petersburg can be obtained free-of-charge with all the materials and lesson plans needed for your grade level. Several trunks are displayed with advice and tips on how to properly teach the Holocaust.

Topo-Mapping From Space (16-17) s, t, m, ss, 3-5

Disseminator: *Dr. Rossana Chiarella*
By exploring how probes measure landscapes, students learn through a series of hands-on activities how to create topographical maps of Earth and other planets. Increased knowledge on planets' topography allows students to develop better ideas about effective exploration and initial formation of planets, their growth, and chronological development.

Transformations are Easier if the Force is with You (16-17) m, t, 9-12

Disseminator: *Richard Boyd*
Students discover the effects of transformations on algebraic functions through an inquiry-based lesson, which inspires students to discover the rules for rigid transformations of functions. Students not only explore the effects of translations in functions, but also connect functions and their graphs to their everyday life.

Women's History Lapbook Bio Report (16-17) ss, la, 5-8

Disseminator: *Georgette Mondesire*
This project provides the structure for students to view historical figures in a new and relevant way by incorporating social media tools that students are already familiar with. Based on their research, students create a report in either a digital or paper format, providing innovative opportunities for presentation.

The following Session A workshops are limited to teachers in CNI schools.

Cooking in the Classroom m, la, i, K-5

Presenters: *Lesley Thompsett and Maren Roedenbeck*
A great way to teach across the curriculum! This presentation will share tools, tips and techniques to manage healthy cooking activities with students. Learn simple recipes that are enthusiastically accepted by kids and how each one links to teaching standards. You will no longer need unhealthy classroom celebrations and candy incentives once you have mastered these skills!

Garden Smoothies la, s, i, K-5

Presenter: *Marie-Rose Denize*
Feel like you are part of a live studio audience for the Food Network. The star of this workshop

shows you how to create the perfect smoothie. Make and try different delicious smoothies using produce you can grow in your garden. Recipes will be provided.

Garden to Cafeteria m, la, K-5
Presenters: *Debi LaBelle & Audra Wright*
This workshop provides an opportunity for cafeteria managers and teachers to plan together so that fresh, organic produce from the school garden can be included in the school lunch menu. Learn about procedures from the M-DCPS Department of Food and Nutrition, successful recipes, and how to overcome obstacles. Explore the new compostable plate properties and how to feed your school garden with lunch scraps. (*Turn Food Waste to Good Taste* is a recommended follow up workshop)

Learn & Label Your Plants la, s, i, K-5
Presenters: *Gloria Parlade and Marcia Cardona*
Paint, wood, metal, ceramic. It's time to roll up your sleeves to get hands-on and creative! Plant labels are an artistic learning opportunity for children. Discover how to improve your garden with labels that teach students about the plants.

Turn Food Waste Into Good Taste s, i, K-5

Presenter: *Zarron Brown*
Take a journey through the "S.T.E.M." of life with The Worm Whisperer! Wiggle and crawl through the depths of South Florida's ecosystem with a little help from his soil-mates. Learn how composting is bridging the gap between food waste and good taste, giving new life to old dirt, and creating a state of optimal balance for plant growth.

SESSION B

(Indicate your preference by placing a 1st, 2nd and 3rd by your top choices in Session B)

A Toolbox for Teaching and Learning (14-15) cm, K-12

Disseminator: *Eugenio Gant*
The Toolbox for Teaching and Learning provides educators with a veritable toolkit of helpful tools (tips, strategies, and hands on activities) that will reshape the way students think and approach education. Organizational skills are improved and students will participate in engaging activities to promote ownership of their own learning.

Animals in the Classroom (13-14) i, s, K-12

Disseminator: *Dr. Suzanne Banas*
Learn how to manage animals in the classroom to use as teaching tools which provide a unique connection to science and the natural world. See examples of engaging projects such as the "Hamster-Powered Night Lite," and get tips on free and discounted ways to care and feed animals.

Animated Androids: A Robot Challenge (13-14) s, t, K-12

Disseminator: *Dr. Gwen Foote*
This project uses LEGO Mindstorm robot kits, sound and light sensors and wireless technology. Videos of students' creations are used to improve time, speed and function and to

mentor their peers. The robots are tested in a challenge course competition. Alternative energy add-on sets can be used to generate, store and use power from solar, wind, and water.

Badges of Honor (16-17) la, pre-K-12
Disseminator: *Brigette Kinney*
This character education project recognizes students not just for academic achievement, but for personal qualities such as kindness, cooperation, and honesty, creating a positive school culture and building self-esteem. Students are recognized with a "badge of honor," which is created by their peers.

Bulls, Bears, & Buckland: Financial Literacy for Millennials (16-17) ss, m, 6-8

Disseminator: *Daniel Buckland*
The investment world comes alive for students as they create a simulated investment portfolio and become actively engaged in the process of real-life stock market exchanges. Exposed to the day to day activities of a long-term investor, students actively seek fundamentals of both companies and exchanges through real-time investment simulations.

Grant Writing Workshop,

Presenters: *Lucy Petrey, Board Member The Education Fund and Zeny Ulloa, Past Grant Recipient*
Practical advice on grant writing including Innovator Grants. Leave the workshop with an Adapter application almost complete!

How Things Fly: Paper Airplanes (15-16) s, m, K-6

Disseminator: *Dr. Rossana Chiarella*
This project teaches the fundamental principles of math, physics, and science by demonstrating their application in the world of aeronautics and aerospace. Paper airplanes are the simplest aircraft to build and fly, and students can also learn the basics of aerodynamics. Students build paper planes following instructions for different models, thereby learning the effects of mass, air resistance, shape, and weight.

Learning A-Z: Bridging the Curriculum Gap for Phonics, Vocabulary & Foundational Reading Skills la, K-5

Presenter: *Iris Garner, PhD. National Curriculum Consultant, Learning A-Z*
You may teach one grade level, but your learners are as varied as A to Z. How do you accommodate and challenge all of your learners AND fill the gaps with your current curriculum? Here's an idea! Have an arsenal of K-5 supplemental curriculum in your back pocket, filled with leveled and foundational books and lesson plans... already correlated to Reading Wonders and Florida LAFS Standards! Reading A-Z can help fill the gaps for teacher-led instruction of **phonics, vocabulary and foundational reading skills**. Find out how to inspire kids to read more using any device and learn about ways to provide student accountability to your independent and small group reading blocks.

Every participant will enjoy a **free trial** to Learning A-Z's digital curriculum for Reading Language Arts and Science!

iRead, ilmage, iBuild with LEGO StoryStarter

(13-14) la, t, K-3

Disseminator: Mayra Perez

Students write/dictate their renditions of fairy tales and use LEGO bricks to build structures that include the story elements of setting, plot, and characters. Digital photos of LEGO structures are included in their own storybooks.

Pompeii: Discovering Interdisciplinary Perspectives

(16-17) i, ss, s, a, 6-8

Disseminator: Mark Rosenkrantz

An in-depth study for students to learn about geology, art, history, and archaeology as it is connected to the historical context of the life, destruction, and preservation of the ancient Roman city of Pompeii. This innovative project combines different content area disciplines within a grade level, producing a curriculum that considers Pompeii as a central historical contextual focus for students to investigate.

Puppets Make Great Teachers

(16-17) la, a, 9-12

Disseminator: Anais Young

Learning about core academic skills takes on a new slant with this project, designed to teach low-performing students how to read grade level text, take the material they have read, and convert it into a physical representation (a puppet show) from which a younger generation could learn.

STEM Made SIMPLE (Sensible, Integrated, Meaningful, Purposeful Learning, & Engaging)

(16-17) s, m, K-5

Disseminator: Navia Gomez

Are you looking for ways to make STEM enjoyable and fun for your students while ensuring important concepts are being learned? Start with STEM Made SIMPLE for projects such as making a paper helicopter, a windmill, parachutes, a lunar lander, and a catapult. These hands-on activities will make teaching STEM exciting and further project/problem-based learning.

Teaching Trunks on the Holocaust

(11-12) ss, la, a, K-12

Disseminators: Tom Glaser and Esther Sterental

(Please see workshop description under Session A.)

Terrific Teaching Through Technology

(13-14) la, t, K-5

Disseminator: Nancy Sale

Children are fascinated with storytelling. Adding technology motivates them even more! Using digital storytelling and iBooksAuthor, students collaborate to write about their edible garden infusing their book with iPad photos, embedded videos, live websites, music and sound effects!

Tiny House Off the Grid

(16-17) s, 6-8

Disseminator: Anne Daane

The concept of alternative living styles comes to life in this project as students use technology and resources to individually create a model home that incorporates real-life replicas of alternative energy sources, personal food production, and reduced personal footprint.

Trash to Treasure

(16-17) m, 5-7

Disseminator: Ana Fullana

This project creatively incorporates math and communication skills. Students create an iMovie infomercial to sell an invention made from a recyclable item. To demonstrate their knowledge of percent of a number, students price their inventions and provide discounted pricing, showing savings and total discounts. Students also develop strategies to engage and convince the audience to purchase their creative invention.

Unmasking My Character

(15-16) la, 9-10

Disseminator: Griselis Reyes

While reading and annotating examples of both direct and indirect characterization, students understand character development in literature. Students are to look for clues that reveal a character's personality traits and are asked to create masks that represent their character. They also write an essay in which they provide textual evidence to support their artistic choices.

What Do You Stand For? A Lesson in Character Education Inspired by the Holocaust

(14-15) la, ss, 9-12

Disseminator: Michelle Singh

Increase student awareness and knowledge of history by providing a guide exposing them to the terrible tragedies that occurred during the Holocaust. After reading Night by Elie Wiesel and viewing films related to the Holocaust, students will write their own children's book in which the main characters exhibit valuable and positive qualities needed in society such as honesty, kindness, tolerance, patience, and respect.

The following Session B workshops are limited to teachers in CNI schools.

Cooking in the Classroom

m, la, i, K-5

Disseminator: Lesley Thompett and Maren Roedenbeck

(Please see workshop description under Session A.)

Essential Oils and Infusions for Wellness

(16-17) s, m, 2-5

Disseminator: Alena Sheriff

Take a deep breath. Do you smell the aroma of Kaffir lime with hints of ginger and lemongrass emanating from your tea cup? What about the fresh scent of rosemary in the air coming from your student's herbal sachets? Welcome to the relaxing world of essential oils. Make teaching science stress free.

Garden Smoothies

la, s, i, K-5

Presenter: Marie-Rose Denize

(Please see workshop description under Session A.)

Grow This, Not That!

m, s, K-5

Disseminator: Eddie Recinos

Are you still growing boring grocery store vegetables in your garden? It's time to step it up and grow tropical and sub-tropical plants from around the world with minimal maintenance. Romaine not cutting it anymore? Add some Thai pepper leaf to your salad or sandwich. Get ready to discover a world of taste.

Learn & Label Your Plants

la, s, i, K-5

Presenters: Gloria Parlade and

Marcia Cardona

(Please see workshop description under Session A.)

SESSION C

(Indicate your preference by placing a 1st, 2nd and 3rd by your top choices in Session C)

Ancient Egypt in Modern

Miami

(14-15) ss, m, 1-5

Disseminator: Katie Prelaz

Examine how inventions from ancient Egypt are a part of life today in modern Miami. Architecture, geography, politics, commerce, transportation, and culture are all explored with hands-on activities allowing students to create a collection of their own artifacts.

The Art of Fermentation

s, i, K-5

Presenter: Emiliano Camargo

Store your veggies in a healthy and creative way with basic skills for making simple, fermented products that can be done in the classroom. Make your own kimchee, coconut yogurt, and pickles while you learn about the health benefits of fermentation and how it supports digestion and nutrient absorption.

The ART of Robotics

(16-17) s, m, la, a, 3-12

Disseminator: Marcelle Farley

The ART of Robotics takes students and their LEGO Mindstorm EV3 robot to a new level by adding an art component. Students use a series of commands to program the robot to draw a various geometric shapes and patterns. Not only does this project give students more experience with interacting with new technologies, it also affords them the opportunity to express themselves artistically in a new and challenging way.

Bookmaking Bonanza

(11-12) la, 2-5

Disseminator: Eugenio Gant

Making their own books unleashes students' imagination and motivates them to develop reading and writing skills. Paper grocery sacks or paper plates become flip-up books or many other fun styles.

Butterfly Bonanza

(99-00) s, la, pre-K-6

Disseminator: Nancy Sale

An easy-to-create butterfly garden provides hands-on opportunities to study science, horticulture, and language arts.

Easy Plant Propagation

s, K-5

Presenter: Sam Chillaron

Starting or expanding a garden shouldn't be expensive. Learn how to grow new plants to drastically reduce the cost of fresh, organic produce. Speed up the process with vegetative propagation, grow large quantities with seed trays, learn about potting mixes, and more!

Essential Oils and Infusions for Wellness

(16-17) s, m, 2-5

Disseminator: Alena Sheriff

(Please see workshop description under Session B.)

Focus Reaction

(16-17) m, 1-5

Disseminator: James E. Williams Jr.

Disguising academic and physical fitness

opportunities in a fun environment will guarantee immense learning and fun for students as they play Focus Reaction. It is a who-can-answer-first game that is designed to increase reaction time while using critical thinking skills to find the correct mathematical answers.

Garden Go - Salad Scavenger Hunt

s, i, K-5

Presenters: Jackie Kellog and

Quentin Davis

You've heard of Pokemon Go. Now get your students to chase their vegetables. Students are naturally attracted to scavenger hunts so why not make a game out of creating a salad? A fun way to teach your students how to identify and eat their vegetables!

Garden Smoothies

la, s, i, K-5

Presenter: Marie-Rose Denize

(Please see workshop description under Session A.)

Give Me 5 and a Whole Lot More

(16-17) la, s, 6-12

Disseminator: Deborah Thomas-Hibbitt
This project educates students about the importance of keeping discarded plastics out of the landfills, the oceans, and the environment. Hands-on activities include learning about the different types of plastics; collecting, sorting, and learning the proper recycling procedures for each; implementing recycling plans for their own households; writing argumentative essays about environmental issues; designing awareness posters; and creating works of art out of the plastic.

Grant Writing Workshop

Presenters: Lucy Petrey, Board Member The Education Fund and Zeny Ulloa, Past Grant Recipient
Practical advice on grant writing including Innovator Grants. Leave the workshop with an Adapter application almost complete!

Marbles, Physics & Coding: A Twist on F=MA

(16-17) s, 6-12

Disseminator: Laurie Futterman

This project introduces students to the fundamentals of coding and robotics in a physical first step. Students collaborate to design and set up a marble run by using Challenger and Cyclone Quadrilla kits. Students reevaluate and run subsequent trials to position and reposition pieces at angles to provide the force and acceleration to complete each motion specific task – A great way to reinforce concepts of force and motion ($F=MA$) and physics while introducing the fundamental skills needed for coding/programming.

Monthly Money Matters

(16-17) m, t, 6-8

Disseminator: Mariana Praschnik

Students develop a deeper understanding of financial literacy and budgeting through role playing, where students are assigned a specific profession and a yearly gross income amount. They calculate their net income and monthly budget and learn about the importance of saving, avoiding debt, having the knowledge to calculate taxes, and being fiscally responsible.

National Board Certified Teachers Information Session

Disseminator: Kathy Pham

Receive tips and advice on the process of certification from the NBCT of Miami group.

___Nature Buddies (11-12) s, pre-K-5
Disseminator: Navia Gomez
Nature sets the stage to learn scientific inquiry. Older students link with younger ones to observe nature and record, illustrate, collect, and share their findings.

___Parts of Speech Jeopardy!
(16-17) la, 9-12
Disseminator: Katherine Waddell
Adjective? Noun? Verb? In Parts of Speech Jeopardy, students take turns identifying the parts of speech of a word taken from a sentence. This project, implemented in game form like the TV show, provides a fun and exciting way for reviewing the eight parts of speech assigned to a word according to its syntactic functions.

___Read, Reuse, Recycle:
Motivating Students to Read One Brush at a Time (14-15) a, la, i, 6-12
Disseminator: Anais Young
Discover how to incorporate reading into art curriculum using the concepts of reading, reusing, and recycling. Using a book read in class, students use recycled paper and materials to create art projects reflecting the storyline of who, what, where, when, and how.

___Running on Sunshine (16-17) s, 6-8
Disseminator: Rosa Perez-Rubi
In this project, students are immersed in a problem-solving activity that requires them to make decisions balancing mobility, environmental, and economic needs. To do so, they learn about renewable and non-renewable energy sources and research alternative energy sources for the future. Students use their scientific know-how, creative thinking, and experimentation to work collaboratively to design and build high-performance solar electric cars.

___See It In Print! (14-15) la, t, 5-8
Disseminator: Brigitte Kinney
Students become published authors by utilizing digital tools as they create a thematic literary magazine. From brainstorming to the bookshelf, students participate in every step of the publishing process. Explore four genres of fiction: short story, fiction, non-fiction, and poetry.

___A Senior's Senior Prom
(10-11) i, a, m, 7-12
Disseminator: Michelle Singh
Students plan, organize and stage a prom at an assisted-living center, staging everything from music, makeup, photography, multimedia and awards.

___Spreading Friendship with Everglades Awareness (16-17) la, 3-5
Disseminator: Sandra Bryant
Through this project, students discover the importance of the Florida Everglades, its history, and how they can help protect this valuable resource. Students participate in a host of activities designed to create school-wide awareness, such as creating murals, conducting research, listening to guest speakers, and raising money to become official members of Friends of the Everglades, an organization founded by Marjory Stoneman Douglas.

___Student Response Systems That Work on All Devices
(15-16) cm, t, s, m, K-12
Disseminator: Dr. Suzanne Banas
A great classroom tool for teachers to easily

gain instant insight into how well the class grasps a lesson, as well as an on-the-spot understanding of what should be covered or reviewed next. Formative assessment has never been easier!

___Teaching Trunks on the Holocaust (11-12) ss, la, a, K-12
Disseminators: Tom Glaser and Esther Sterental
(Please see workshop description under Session A.)

___To Borrow or Not: Financing a College Education (16-17) ss, m, a, 6-12
Disseminator: Tandy Caraway
In this project, students explore their option to go to college from a financial perspective and demonstrate mastery of financial literacy concepts through a scrapbook. An example of a scrapbook page can be the comparison of the cost of attendance at different colleges, calculating budgets that include expenses specific to each college, and taking into account geographical location factors such as cost of living and traveling home.

___WOW - Watching Our Weather
(12-13) s, t, 5-9
Disseminator: Dr. Gwen Foote
In this student inquiry project of lab activities and simulations, students assemble a portable weather station to monitor data through real time and prepare weather forecasts. Using a Galaxy Tablet, students can download apps to easily submit reports to the school website and local weather stations.

SESSION D

(Indicate your preference by placing a 1st, 2nd and 3rd by your top choices in Session D)

___The Art of Fermentation s, i, K-5
Disseminator: Emiliano Camargo
(Please see workshop description under Session C.)

___Bank It! (15-16) m, ss, 6-12
Disseminator: La-Shanda West
This project aims to provide students with the tools and knowledge to make wise financial choices. Students gain experience managing money with a weekly allowance and learn the benefits of saving versus spending. Another activity asks students to research a career's annual salary and create a monthly household budget.

___Bringing Historical Figures to Life (15-16) la, ss, K-8
Disseminator: Gloria Plaza
Students research famous figures featured in the *Who Was?* book series and bring them to life through videos, pictures, websites, or costumes at a culminating event. Students also have an opportunity to master language arts skills by writing a biography about a family member or a friend while following the structure of these books.

___Building a Thriving Competitive Robotics Team (15-16) m, s, la, 9-12
Disseminator: Tandy Caraway
A step-by-step guide on how to build and maintain a thriving competitive robotics team, including team roles, fundraising ideas, team resources, and robot design tips. This project

will help students develop problem-solving, teamwork, and 21st century skills.

___Building Bridges (13-14) s, 3-5
Disseminator: Navia Gomez
Students are introduced to the engineering process of problem-solving, researching, designing and building as they create bridges out of everyday items. A gallery walk of the bridges takes place on a community STEM night.

___Come CODE With Me
(15-16) t, m, K-12
Disseminator: Nancy Sale
Boost students' self-confidence as they problem-solve. This project contains self-guided and self-paced tutorials that have programming and instructions to enable students to explore and practice algorithmic thinking by playing games.

___Easy Plant Propagation s, K-5
Presenter: Sam Chillaron
(Please see workshop description under Session C.)

___ELA and STEM Unite in Bot World (16-17) s, la, 2-7
Disseminator: Jennifer Dibble
As our society becomes more progressive, students will be using robotics in so many aspects of their lives. Utilizing cooperative learning skills, students create robots, compete against each other, and conduct scientific inquiry to analyze robot capabilities.

___Essential Oils and Infusions for Wellness (16-17) s, m, 2-5
Disseminator: Alena Sheriff
(Please see workshop description under Session B.)

___Garden Go - Salad Scavenger Hunt s, i, K-5
Presenters: Jackie Kellog and Quentin Davis
(Please see workshop description under Session C.)

___Garden Smoothies la, s, i, K-5
Presenter: Marie-Rose Denize
(Please see workshop description under Session A.)

___Google Earth: Using it in the Classroom (13-14) i, K-12
Disseminator: Dr. Suzanne Banas
Come and explore the many ways to use the FREE Google Earth (download) for any subject and grade level. Create a virtual fieldtrip, use NASA data sets to collect and measure aspects of our earth, and see your neighborhood in 3-D!

___Grant Writing Workshop,
Presenters: Lucy Petrey, Board Member The Education Fund and Zeny Ulloa, Past Grant Recipient
Practical advice on grant writing including Innovator Grants. Leave the workshop with an Adapter application almost complete!

___Help! My Fairy Tale Has Been Fractured! (15-16) la, pre-K-5
Disseminator: Lisa Braye
Using a familiar fairy tale as a starting point, students write their own fairy tale by changing the setting, point of view, characters, and/or plot. By learning to identify different elements of a story, and being able to compare and contrast different versions of a story, students start building a strong writing foundation. Students

then share their "fractured" fairy tale with their peers through a puppet performance.

___Hot Crystals Cool Outcomes
(15-16) s, 5-9
Disseminator: Laurie Futterman
Are you ready to rock? Through the use of rock samples and salol crystals (phenyl salicylate), students liquefy crystals and analyze the impact of cooling rates on crystal formation. By examining the crystals, students employ analysis, drawing, collaboration and critical thinking.

___Icky Ichthyology (09-10) s, 6-8
Disseminator: Dr. Gwen Foote
Students use a salt-water aquarium as a marine lab for observation and inquiry. They create energy pyramids, study marine biomes and investigate conservation organizations.

___Literature Exposition Day
(09-10) la, 9-12
Disseminator: Michelle Singh
Students interview family members about the literary voices that represent their own cultural backgrounds or ethnic groups and represent that author in costume at the school expo.

___NASCAR Pasta Challenge: The Science Behind NASCAR Racing
(15-16) s, m, la, 5-10
Disseminators: Ana Lissette Casanova and Rosa Perez-Rubi
Students learn about the physical science concepts of force and motion through stock car racing by designing, building and testing their model cars out of pasta.

___Stop, Animate & Learn!
(14-15) la, ss, s, K-12
Disseminator: Wendy Gerry
Students become stop-motion animation artists as they utilize videos to learn concepts in any content area. Students acquire skills to research a topic, develop a detailed story board and script, then use a webcam or iPad set up with a stop-motion program to film and narrate their video.

___Teaching Trunks on the Holocaust (11-12) ss, la, a, K-12
Disseminators: Tom Glaser and Esther Sterental
(Please see workshop description under Session A.)

___Turn Food Waste Into Good Taste s, i, K-5
Disseminator: Zarron Brown
(Please see workshop description under Session A.)

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Everyone loves the EXPO! Here's why:

The EXPO helps teachers to stay current! It convinced me to add more technology to get students motivated. I will be attending next year and bringing colleagues!

*Yigany Macias-Ramirez
Norman S. Edelpup/Sunny Isles k-8*

I loved meeting the teachers and viewing their project displays with all their examples! It is so motivating to see all the various strategies being used across the curriculum and age groups.

*Barbara Quinaz
Miami Senior High*

It's a productive day of interactive workshops by veteran teachers. I plan to start using the strategies immediately!

*Lavenia Mobley
Norwood Elementary*

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