



























The Humana Foundation supports The Education Fund and those who come together to make a positive difference in the lives of children in our community.

Humana Foundation "There is hope everywhere." — Anne Sexton

HumanaFoundation.org



THE EDUCATION FUND SUPPORTS TEACHERS AND THEIR CLASSROOMS

The Education Fund designs and implements initiatives that involve the entire community in improving Miami-Dade County Public Schools. Since its inception, The Education Fund has acted on the belief that the future viability of our community depends on the quality of our public schools. By raising student achievement, particularly for children from financially disadvantaged homes, we raise the hopes and improve the future for entire families.

The Education Fund's initiatives are strategic in their efforts to improve learning opportunities for all children. One of The Education Fund's programs that provides strategic services to support our schools is featured in this publication, A Celebration of Teaching. Throughout these pages, participants in The Education Fund's Ideas with IMPACT Innovator Grants and Adapter Grants are recognized for their efforts on behalf of our public school students.

IDEAS WITH IMPACT INNOVATOR GRANTS (Formerly Teacher Mini-Grants)

Innovator Grants allows foundations, organizations and businesses, both big and small, to invest directly into the classroom. This investment provides the capital needed by teachers to try out new creative ideas that support student achievement through enriching, hands-on, active learning experiences for students. Pictured: P.L. Dodge Foundation representatives, Rod Petrey and Luther Jones, and Linda Lecht.

Ideas with IMPACT Innovator grants are sponsored by P.L. Dodge Foundation, Assurant Foundation, and FPL.



IDEAS WITH IMPACT ADAPTER GRANTS



FPL representative, Frank Cantero, with 2017 Adapter Grant recipient, Anike Sakariyawo.

What makes Ideas with IMPACT possible is great teachers! The program is fueled by teachers who offer fascinating, hands-on learning strategies that engage students and sustained by thousands of teachers who are willing to expand their repertoire as Ideas with IMPACT Adapters.

The ideas disseminated through the *Ideas with IMPACT* catalog and the Idea EXPO are now being implemented in classrooms throughout the county through the awarding of 55 Adapter Grants for the 2017-18 school year.

Ideas with IMPACT Adapter Grant donors include Ford Motor Company Fund, Assurant, FPL, Humana Foundation, Robert Russell Memorial, Foundation, Pacific National Bank, and more.



Helping Miami-Dade Teachers Make an Impact

At Learning A-Z, we create award-winning products that help teachers differentiate instruction to make the greatest impact on student learning. Our comprehensive resources, which are aligned to Florida ELA Standards, encourage teacher creativity and innovation, while providing the flexibility to personalize standards-based instruction.

We are proud to partner with The Education Fund to help promote innovation and excellence in teaching.





All the World's a Stage

Designed to promote a deeper understanding of grade-level texts as well as student collaboration and engagement, students produce dramatic interpretations of texts covered throughout the year. Given that high-stakes testing often prevents students from exercising academic freedom, this project allows them to engage with typically daunting reading material in a fresh and innovative way.

Yvonne Moton American Senior High School

Bridging Literacy and Science Together (B.L.A.S.T.)

General education physical science students are paired with ESE students to bridge literary concepts with scientific terms. The purpose of this initiative is to ignite the love for reading through science with ESE students so they can become critical thinkers and experience reading on a level that will incorporate real world applications.

Glenda Moton Miami Norland Senior High School

Buddy Up for Reading and Reflection

To aid students during their transition into middle school life, this buddy program affords them a sense of responsibility and accomplishment as they are paired with a Kindergarten student throughout the year to read and reflect about stories together. This collaboration stimulates the students' minds and increases their reading and writing skills through reading, reflection, and journal writing.

Patti Ward Norman S. Edelcup Sunny Isles K-8 Center



Cherishing Students' Passion for Technology: Using Drones in the Classroom

STEM studies reach new heights as Broadcast Magnet students use drones to improve the aesthetic and technical quality of their filmed and edited artistic/informational work. Using guidelines from the SOAR model, students develop skills to enter a future workforce in drone technology in areas of drone pilots, technicians, designers, and manufacturers.

Joshua Paolino South Miami Middle Community School

Dimensions of Character

Middle school reading scholars dig deep into their resources to create historical fiction stories comprised of multi-dimensional characters that have layers of social, interpersonal, professional, and emotional complexities. Through the development of the assignment, students learn to relate, make connections, and become more compassionate by understanding that an individual's backstory directly correlates to their personality, behavior, and belief systems.

Willecia Stubbs
The SEED School of Miami

DIY Colleges and Admissions

To gain perspective of what college admissions processes entail, Freshmen Bridge Students design and create their own fictional college that includes admissions counselors, a college pennant, and an admissions brochure. Essential to help them as they begin to position themselves to meet eligibility requirements by colleges, the project not only prepares students for the admissions process, it also teaches them strategies for persistence throughout their college career.

Julianna Rohde The SEED School of Miami





Fact or Faked?

Every day, students encounter the terms "alternative facts" and "fake news". To obtain a greater depth of understanding how information can be manipulated to advance a particular viewpoint that is presented as factual, high school students will investigate rhetorical techniques that introduce bias into a discussion and will learn to identify these techniques in information from traditional and social media platforms to become more sophisticated and critical consumers of information.

Brigitte Kinney
Coral Gables Senior High School

Full STE(A)M Ahead Into Reading

By engaging in hands-on science experiments and art projects that directly correlate with their non-fiction reading texts, students' reading comes alive, promoting comprehension. This cross-curricular project deepens knowledge and allows for students to experience the concepts that they are reading about in a real world setting.

Marisa Moceri Dr. Robert B. Ingram Elementary School

Get Forked Up, Taking a Bite Out of a Major Scale

Learning about pitch and overtones of the major scale, choral students formulate an understanding of how they relate to each other mathematically and scientifically. Integrating science concepts through music theory, allows the students to gain a different perspective of wave theory while providing a real world experience to their artistic passions.

Eric Firestone South Miami Middle Community School

Hopping into Science and Reading!

Science and reading go hand-in-hand as students hop into research to learn about rabbits and their care while incorporating a story about a make-believe rabbit into the lesson. Once their investigation is complete, they will teach what they learned to other students and will be knowledgeable enough to take care of the class rabbit, especially on weekends and holidays when the rabbit goes home with a student.

Mayra Brody Kendale Lakes Elementary School

Increasing Life Science Understanding through Inquiry

A rare glimpse into cutting-edge research related to biotechnology is introduced to economically disadvantaged students who ordinarily would never have been given the opportunity to participate. In this program, scaffolded towards students' abilities, students investigate genetic disorders and genes and practice college-level microbiology skills in an attempt to ignite a desire to continue with advanced scientific inquiry.

Angela Compton Everglades Preparatory Academy

i-Musician

Digital music curricula are potential educational gateways to incorporate STEM into the lives of students in a new and fascinating strategy. Through the use of computer software, this project opens the door for students without musical training to compose and create music while reinforcing academic needs.

Jose Fanjul
James H. Bright Elementary School

iSTEM Girls

In an effort to learn that women can be successful in what are considered traditional male roles in society, fifth grade girls delve into researching careers that focus on science, technology, engineering, and mathematics. Using Sally Ride Science Career books that showcase women from the past and present, the girls actively participate in projects that empower them to think about their own future in the fields of STEM.

Navia Gomez

Dante B. Fascell Elementary School

Learning with Emojis is Trendy

Kindergarten students' emotions run high as they benefit from using Emojis. Incorporated into the core curriculum, using Emoji signs allow students to eagerly identify characters' emotions as well as their own emotions towards a story. Additionally, Emoji story starters provide open-ended writing activities while Emoji manipulatives for math are excellent for counting, comparing sets, and solving word problems.

Mayra Perez Coral Reef Elementary School







Literacy in a Pot!

Students snack their way to reading success in this project that incorporates food in literacy tasks that encourage them to become accomplished readers. With awakened taste buds, students interests are piqued and focused as they examine plot, theme, characters, and setting for the stories associated with the food.

Jennifer Smith

Dante B. Fascell Elementary School

Math Alive

By using ordinary items like coffee grounds, beans, rice grains, and masking tape, math comes alive for middle school students who struggle to understand math concepts.

Through a practicum of modeling at specific work stations, students move from abstract mathematical concepts to hands-on practical understanding.

Kelsey Major Everglades K-8 Center

The Media Perspective Writing Project

To determine "real" news versus "fake" news, students use various forms of media and creative writing exercises to sift through facts ad opinions to determine the credibility and validity of news stories. This

project will help to build transferrable skills within students, specifically critical thinking, public speaking, writing, and conflict resolution - all of which will help them be successful on academic and social levels.

Precious Symonette Miami Norland Senior High School

Pictures from the Upper Atmosphere

Environmental science is on the rise as middle school students gear up to design an apparatus that will take 360° images of Earth from the upper atmosphere. Critical thinking, modifications, and carefully planned research will help students to design and build a weather balloon that can collect atmospheric data while being equipped with a time lapse camera that will take photos of Earth and Space.

Stephany Cuellar Coconut Palm K-8 Center

Project Salad Bowl

A step is taken in the right direction as ASD (Autism Spectrum Disorder) STEP students grow their own food in the school's garden and learn how to prepare healthy and tasty meals. This farm-to-table initiative empowers students with the skills to make healthy food choices, create recipes, and expose them to careers in food service - all in an effort to help them transition to Post School Adult living.

Cynthia Dahl Homestead Senior High School

Readers are Leaders - Leaders are Readers!

Peer-led literature discussions lead the way for students, who read below their individual grade level, helping them to develop a new love for reading despite their reading ability. Through the discussion of high-interest literature (novels), students experience an increase in oral language and vocabulary development and a desire to write, all of which build on the development of literacy skills.

Kim Martinetti Miami Norland Senior High School

Seeing and Learning Conceptually

Science students benefit from conceptual modeling, helping them to develop the ability to make sense of physical experience, to understand scientific claims, to articulate opinions and defend them with cogent arguments, and to evaluate evidence in support of justified belief. This allows them to create better and more meaningful learning and develop a deep sense for long-term memory.

Dr. Suzanne Banas South Miami Middle Community School

Soft Skill-Building Boot Camp Experiential Learning Activities that Prepare and Motivate Students

Boot Camp, an interactive skill-building program, encourages students to complete a variety of hands-on experiential activities that focus on teamwork, communication, organization, reading, and problem-solving. These activities afford them the confidence and motivation to tackle problems, interpersonal skills to work with others, and the resilience to stay on task when things don't go as planned.

Carl Hoover
Alonzo and Tracy Mourning
Senior High School





The Spartan Bistro - Go from Employee to Restaurant Owner in Four Months

Designed to expose underprivileged minority students to the responsibility and skills needed to own their own restaurant, the Spartan Bistro immerses them into the world of hospitality and culinary arts. After an initial four months of training in roles that include host, manager, server, chef, table scape designer, and accountant, these students are prepared for the culminating event of turning their media center and culinary arts kitchen into a full-fledged restaurant for a night.

Angel Myers
Lake Stevens Middle School

Statistics: Just a Few Key Strokes Away

The Ti-84 graphing calculator is the go-to tool for students as they engage in multiple Financial Algebra courses designed to prepare them for independent living after high school. Topics of study include Banking Services, Consumer Credit, Automobile Ownership, and Preparing a Budget, to name a few.

Richard Boyd Dorothy M. Wallace COPE Center South

"STEAM"ing Ahead After Hurricane Irma

To ease residual anxiety from the aftermath of Hurricane Irma, Special Education students use hands-on STEAM materials to resume their focus on their studies in the classroom. Using their tablets to download various LEGO designs, students print instructions and then build their projects using LEGO kits. New art materials allow them to recreate their LEGO creations and hone in on fine motor skills.

Ellen Skidmore Gulfstream Elementary School



Tag! You've Been STEAMed!

Students go full-steam ahead by working with their peers to demonstrate their depth of knowledge in math and science. Working in groups and using technology to create drawings/illustrations, power point, and video presentations that show their understanding of science and math concepts, they challenge each other to answer questions. Each group that successfully answers their challenge is officially STEAMed!

Dominice Lemon
Natural Bridge Elementary School

TSI Tanked! Challenge

High school business students beware of sharks in this project (based on the ABC TV show *Shark Tank*) that teaches them how to apply principles of entrepreneurship, marketing, algebraic calculation, and public speaking skills. In their quest to win a \$300 deal to produce and market their product, they also learn valuable life skills such as research and development, product design, cost analysis, and so much more.

La-Shanda West Cutler Bay Senior High School

Using Alexa in the Classroom

It's Alexa to the rescue for both teacher and her ESOL students when they use the Amazon Echo Plus device as a teacher's assistant in the classroom. While students work with the teacher at the Teacher Led Center, students at other centers can ask Alexa questions about spelling, writing, or math. Using this device provides the students the extra edge they need to reduce the achievement gap and help them achieve academic success.

Zeny Ulloa Kendale Lakes Elementary School

What's in Your DNA?

Science class becomes way more intriguing and exciting for students in this project that allows them to create a DNA fingerprint. To solve a hypothetical crime, they research, investigate, and use chemicals to cut long strands of DNA into smaller segments. The DNA is then compared with DNA samples from seven suspects to find the perpetrator of the crime.

Bridgit Coley
Renaissance Middle Charter School



INNOVATOR GRANTS SPONSORED BY

FPL



NorlandBots Robotics Club

Passions are ignited for students participating in the NorlandBots Robotics Club as they gear up to compete in their first Robotics Tech Challenge. This initiative gives them exposure to various aspects of engineering and affords them the opportunity to demonstrate their understanding with assembling, programming, and coding using code.org as an instructional tool.

Anike Sakariyawo Miami Norland Senior High School

Ozobots My Tiny Tots

In the ultimate collaboration, eighth grade students team up and mentor Pre-K students in this project that uses Ozobot coding robots. This challenge bridges the age gap and immerses the beginning learners into the initial steps of coding, computers, and robots, while the older students learn the value of collaboration, modeling, critical thinking, and communication.

Nancy Sale Lillie C. Evans K-8 Center

Robo Text Writing

Digital technology is creatively connected to Language Arts in this project that teaches students how to write simple program codes that program Ozobots to match the organizational structures of paragraphs in their writing essays. Using this out-of-the-box strategy promotes better writing skills and helps students to gain a basic understanding of coding.

Anastasia Charles-Sealy Natural Bridge Elementary School

A Virtual World of New Possibilities (Coding Using Virtual Robots)

Opportunities for success abound for middle school students using Virtual World applications to participate in the virtual coding aspect of VEX IQ Robotics (VEX) and First LEGO League (FLL) competitions. Applying Virtual World software to VEX and FLL empowers students to lead through problem-solving and innovative creativity, preparing them to become leaders of science, engineering, mathematics, and the arts.

Angela Choate Young Women's Preparatory Academy



INNOVATOR GRANTS SPONSORED BY

ROBERT RUSSELL MEMORIAL FOUNDATION

Unraveling the Past to Create a Better and Inclusive Future

Immersed in historical facts, enlightening lectures, community discussions, personal stories, and a film presentation, high school students gain the opportunity to comprehend the legacy of the Holocaust while considering cultural, academic, and personal perspectives. Throughout the four month lesson, students reflect and summarize their thoughts and experiences through various writing, art, and technology platforms.

Jacqueline Torres-Quinones
South Dade Senior High School

Wishes Upon the Waters - Dreams of Freedom

Intertwined with Miami-Dade's Values Matter program, lessons from the past (i.e. Cuban rafters, Syrian refugee crisis, Vietnamese boat people) teach tolerance and about those who may be different from us. In this project, fifth grade students read fiction and nonfiction, conduct research, and attend the theatrical production "Island of Hope" so that they will understand what it is to be a refugee and the effect of acceptance or rejection has had on freedom seekers and the communities involved.

Sharon Glueck Virginia A. Boone Highland Oaks Elementary School

IDEAS WITH IMPACT ADAPTER GRANTS

The inspiration for Adapter Grant projects originate from The Education Fund's annual *Ideas with IMPACT* catalog and **Idea EXPO Teacher Conference.** This year, The Education Fund's IMPACT Il program continued its promotion of STEM (science, technology, engineering, and mathematics) projects.

The *Ideas with IMPACT* catalogs offer innovative projects and teaching strategies developed by Miami-Dade County Public School teachers and tested in their classrooms. Curriculum guides are written and workshops are held by the teachers who developed the projects to help other teachers adapt the ideas to their own classrooms. The how-to curriculum idea packets and information on Ideas with IMPACT grants are available at www.educationfund.org.



IDEAS WITH IMPACT ADAPTER GRANTS ARE SPONSORED BY:



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The Art of Robotics

Disseminator: Marcelle Farley Adapter: Karen Gant, Lake Stevens Elementary School

Become a Robotics Expert Easily

Disseminator: Dr. Suzanne Banas Adapters: Lisa Hauser, iPreparatory Academy; Zeny Ulloa, Kendale Lakes Elementary

Engineering Design Process

Disseminator: Anike Sakariyawo Adapters: Dale Adamson, Howard D McMillan Middle: Mayra Brody, Kendale Elementary

STEM Squad: Starting a Robotics Club at Your School

Disseminator: Dale Adamson Adapters: Bridgit Coley, Renaissance Middle Charter School; Marcelle Farley, Lake Stevens Elementary; Gabriel Padron, Herbert A. Ammons Middle School

IDEAS WITH IMPACT ADAPTER GRANTS Humana SPONSORED BY HUMANA FOUNDATION Foundation

50 Shades of Green

Disseminator: Eddie Recinos Adapters: Julietta Barreto-Tejero, Spanish Lake Elementary; Marcelle Farley, Lake Stevens Elementary; Phillip Green, Frances S. Tucker Elementary; Elena Marte, Palm Lakes Elementary; Pamela Roddy, Phyllis Ruth Miller Elementary

Essential Oils and Infusions for Wellness

Disseminator: Alena Sheriff Adapters: Lindsey Ramirez, Lake Stevens Elementary School; Dianna Rose, Palm Lakes Elementary

Garden Tasting in the Classroom

Disseminator: Chef Paula Kendrick

Adapter: Mayako Nakamura, Gratigny Elementary

Harvest Photography

Disseminator: Tony Chirinos Adapters: Marsha Erdmann, Tropical Elementary; Delia Katz, Tropical Elementary; Stephanie Katz, Tropical Elementary; Jason Wright, Twin Lakes Elementary

Nibble on a Good Book

Disseminator: Arlene Trotter Adapter: Britney Mobley, Parkview Elementary

Souper Chefs

Disseminator: Ellen Skidmore and Barbara Essinger Adapter: Peg Ryan, Parkview Elementary

Teens Taking on Technology

Disseminator: Michelle Singh Adapter: Lelys Malespin, Riverside Elementary Community School

Think Twice, Eat Right

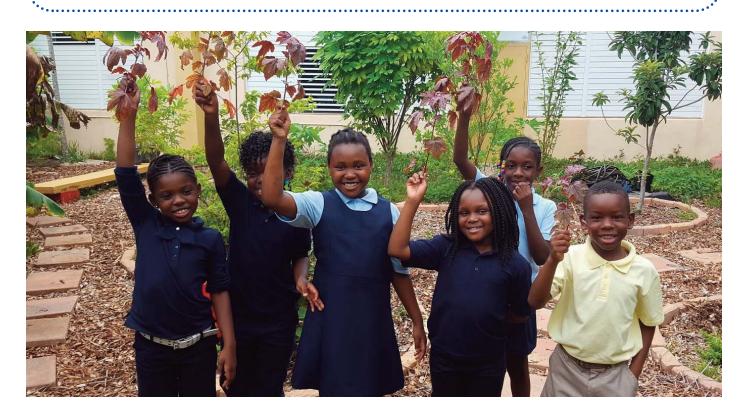
Disseminator: Marie-Rose Denize Adapter: Laura Berenguer, Robert Renick Educational Center

Tools, Teepees, and Trellises

Disseminator: Sam Chillaron Adapters: Debra Reese, Joella C. Good Elementary; Ruby Villa, Dante B. Fascell Elementary

Windchimes

Disseminator: Gloria Parlade Adapters: Valarie Brown, American Senior High School; Marcia Cardona, Royal Palm Elementary



IDEAS WITH IMPACT ADAPTER GRANT SPONSORED BY THE MIAMI BAYSIDE FOUNDATION FOUNDATION

Bank it!

Disseminator: La-Shanda West

Adapter: Natalia Allen, iTech @ Thomas A.

Edison Educational Center

SmartPath Guide to College Clubs

Disseminators: Ana Barreto-Maloney, Lauren

Jean, and Zoe Madison

Adapter: Dr. Khalifa Stanford, I-Tech Thomas A.

Edison Educational Center

IDEAS WITH IMPACT ADAPTER GRANT SPONSORED BY PACIFIC NATIONAL BANK

Financial Freedom: Cash Flowin' to the Future

Disseminator: Natalia Allen

Adapter: La-Shanda West, Cutler Bay Senior

High School

SmartPath Guide to College Clubs

Disseminators: Ana Barreto-Maloney, Lauren

Jean, and Zoe Madison

Adapter: Jacqueline Torres-Quinones, South

IDEAS WITH IMPACT ADAPTER GRANT SPONSORED BY THE JACK CHESTER FOUNDATION

Teaching Trunks on the Holocaust

Disseminator: Esther Sterental

Adapter: Jacqueline Torres-Quinones, South

Dade Senior High School

IDEAS WITH IMPACT ADAPTER GRANT SPONSORED BY THE ROBERT RUSSELL MEMORIAL FOUNDATION

Teaching Trunks on the Holocaust

Disseminator: Esther Sterental

Adapter: Bradley Sultz, iPrep Academy High



IDEAS WITH IMPACT ADAPTER GRANTS SPONSORED BY ASSURANT



"Cracking" Science Cycles to **"STEM" Environmental Impact**

Disseminator: Mayra Brody Adapter: Janet Pinero, Broadmoor Elementary

Come Fly with Me

Disseminator: Adam Mack Adapters: Gwendolyn Foote, Nautilus Middle School; Craig Uptgrow, Barbara Hawkins Elementary

Engineering with 3-D Printing

Disseminator: Dr. Suzanne Banas Adapter: Teresa Perez, Boystown/Educational Alternative Outreach Program

Makey Makerspace

Disseminator: Dale Adamson Adapter: Dr. Suzanne Banas, South Miami Middle Community School

Activate "Good Reader" K-2 Strategies

Disseminator: Linda Askari Blanchfield Adapter: Alicia Velazquez, Coral Terrace Elementary

Badges of Honor

Disseminator: Brigette Kinney Adapter: Debbie Gamundi, Dante B. Fascell Elementary

Billboard Text Features Project

Disseminator: Ileen Martin Adapter: Madge Bazelais, Lake Stevens Elementary

BreakoutEDU: It's Time for Something Different

Disseminator: Joyce Rosales Adapter: Hadassa Levenson, Miami Beach Senior High School

Don't Let Go of that LEGO!

Disseminator: Dusevi Miyar Adapters: Pauline Fraser, Orchard Villa Elementary; Ellen Skidmore, Gulfstream Elementary



Drumming From the Heart

Disseminator: Michael Canciglia Adapter: Janet Kirsten, South Miami K-8 Center

Engineering is Elementary, My Dear Watson

Disseminator: Navia Gomez Adapter: Lea Ann Nasser, Southside Elementary

Haikuing History

Disseminator: Michelle Singh Adapter: Aileen Bogert, Palmetto Elementary

Help! My Fairy Tale Has Been Fractured!

Disseminator: Lisa Braye Adapter: Jeanette Heguy, Riverside Elementary

Mindfulness with a **Growth Mindset**

Disseminator: Angela West Adapter: Julie Astuto, Palmetto Elementary

Reading Through Rhymes and Rhythms

Disseminator: Nancy Sale Adapter: Marie Fiefie, Natural Bridge Elementary

Sense-Sational **Story Time Snacks**

Disseminator: Mayra Perez Adapter: Naomi Samole, Dr. Edward Whigham Elementary

Taking Advantage of **Technology - At Any Level!**

Disseminator: Hadassa Levenson Adapter: Katelyn Adamson, Howard D. McMillan Middle School

Trash or Toys?

Disseminator: Alena Sheriff Adapter: Valerie Mills-Stuart, Pine Lake Elementary

Words of Wisdom: Vivacious Vocabulary Ventures

Disseminator: Linda Askari Blanchfield Adapter: Charmaine Webb, Charles D. Wyche, Jr. Elementary



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For more than 65 years, Ford Motor Company Fund has worked to improve people's lives, investing \$1.5 billion to support innovative programs in Community Life, Education, Safe Driving and the Ford Volunteer Corps.





For opening minds, creating opportunities, and helping to create a brighter future, Ford Salutes The Education Fund.

