



S.T.E.A.M.

**A Science, Technology,
Engineering, Arts & Math Conference!**

**6 PQAS HOURS
ACT 48 Approved**

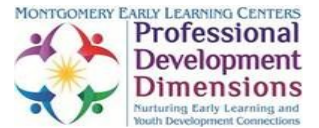
May 31, 2014

8:30 am—4:30 pm

Arcadia University

450 S. Easton Road * Glenside, PA 19038

Thank you to our Sponsors & Partners....



RAFFLE & GIVEAWAY!

Photo Raffle



Submit a picture of your students participating in a S.T.E.A.M activity and become eligible to win 5 free registrations!!

Here's what to do....

- Take a picture of students participating in a Science, Technology, Engineering, Arts or Math related activity!
- Don't forget to write a caption explaining the activity in the picture.
- Email the photo to pddimensions@melc.org by *May 12th, 2014*

*Photos will be used in distributed promotional mailings, on our Facebook page and website to build STEAM and excitement around how programs throughout the region are using Science, Technology, Engineering, Art and Math in their activity planning.

It's THAT simple! Winner will receive compensation for 5 registrations!

Flash Drive Giveaway



The first 100

PAID registrants will receive a **FREE** flash drive containing PowerPoint's, hand-outs, and resources from this year's S.T.E.A.M conference. Don't miss out on this

GREAT OPPORTUNITY!

Keynote Begins at 9:00 am!



Keynote Speaker

Ms. Nalo A. Washington holds a Bachelor of Science in Chemistry from Howard University and a M.Ed. in Curriculum and Instruction from American Intercontinental University. She has always had a passion for Math and Science since she was a young child. After completing her undergraduate degree, she became a science resource specialist with the District of Columbia Public Schools (DCPS). While in this position she reinvigorated a defunct science program and routinely served as a science expert for the city, helping to choose the science materials and curriculum. Ms. Washington

has also served as an instructor for the Starbase-Atlantis program, which is a STEM outreach program offered through the Department of Defense/Department of the Navy. This program is for students in 5th grade interested in the fields of Science, Technology, Engineering and Math. It offers a hands-on, minds-on Aerospace Science Curriculum. Ms. Washington wanted to continue to connect to children after assuming her current position of Human Resource Development Specialist (with the Department of the Navy for their Systems Engineering command). She has accomplished this by serving as a Lego League First Robotics Coach for the Robert Goddard French Immersion School in Lanham, Maryland.

Morning Workshops 10:45am-12:15pm

Into the Biome: Where Science Meets Art (K2, 19)

Presented by: Sarah Ware

Workshop will focus on the correlation between contemporary and performing art practices and STEM subjects. Including an ecology-themed hands-on art making experience and performance exercise.

Uncover The Solar System (K2, 18)

Presented by: Gregory Kennedy

Through the use of hands-on activities, science comes alive to better engage students. Practitioners who attend this workshop will learn creative ways to teach about the planets, asteroids and exploration spacecraft.

Launch Math Projects with Children's Literature (K2, 17)

Presented by: Dr. Claire Passantino

Presenter will demonstrate how to use children's books to launch standards-based math activities that are fun. Activities will be appropriate for grades K-6.

Explore Art to Teach STEM Disciplines (K2, 19)

Presented by: Michael Brix

Interactive workshop will show participants methods and resources for using collaborative arts in their classrooms to teach STEM disciplines.

Integrate Technology into the Classroom (K2, 20)

Presented by: Tariq Dionea Evans Al-Nasir

Practitioners will learn how to integrate technology into their classrooms and build interactive mobile apps.

Get Students Excited About Science (K2, 18)

Presented by: Anthony Singleton

Ten fun filled, low cost, hands-on Science activities. This training will help participants facilitate hands-on science-based activities for students K-6. Participants will take an in-depth look at strategies to support program quality in OST programs serving elementary and middle school grade youth in the science curriculum.

Put Young Problem Solvers to Work (K2, 13)

Presented by: Valerie Finney

Workshop will demonstrate how to create learning environments that engage children in making the connection between the classroom and the real world.

Things That Fly (K2, 11)

Presented by: Penny Glackman

Introduction to elementary STEAM activities related to aviation and aerospace education. Learn how to make a paper helicopter, a one straw kite and a straw rocket.

STEAM in the Preschool Classroom (K2, 13)

Presented by: Koren L. Clark

The focus of this workshop will be on the importance of experiential learning for ages 3-5 and how providing hands-on experiences for preschoolers will build their confidence with STEAM concepts.

2nd Session Workshops 1:00-2:30pm



Registration is on a first come first serve basis. It is strongly recommended participants

REGISTER EARLY to receive 1st and 2nd choice session topics.

* Once sessions become full, participants will be placed in an open session.

Math is Fun (K2, 17)

Presented by: Indira Lawson

Children don't hate Math! They hate being confused and intimidated by Math. Come hear and see how Math can be both fun and understood by children of all ages.

Create a Green Space (K2, 12)

Presented by: Ellen V. Russell

Participants will learn how to create a garden/green space for their facilities in this hands-on workshop. Learn ways to incorporate lessons on nutrition, science and exercise into daily activities and curriculum for your classroom.

Accelerate into STEM (K2, 13)

Presented by: Dr. Winnie Black

Participants will become familiar with STEM Out-Of-School programs in Pennsylvania and how to connect In-School and Out-Of-School STEM programs.

Music, Movement, Planets and Numbers (K2, 19)

Presented by: Elizabeth Luff

In this interactive workshop for small or large groups, music and dance activities will be demonstrated. Practitioners will brainstorm ways to have fun while teaching letters, numbers, science and social studies themes using the arts to engage the whole child in learning about his/her world.

Rough and Tumble Play (K2, 11)

Presented by: Janeen Levine

Learn about the benefits about of supporting rough and tumble big body play within the context of a highly supervised early childhood setting to enhance the development of social-emotional, cognitive and gross motor skills.

Launch Math Projects with Children's Literature (K2, 17)

Presented by: Dr. Claire Passantino

Presenter will demonstrate how to use children's books to launch standards-based math activities that are fun. Activities will be appropriate for grades K-6.

Communication & Diversity Through Art (K2,19)

Presented by: Christa M. Tinari

This interactive session will invite participants to try new activities and then reflect on the use of those activities with their own students. The activities presented will require minimal materials and can be adapted to meet the needs of different age levels.

Explore Art to Teach STEM Disciplines (K2, 19)

Presented by: Michael Brix

Interactive workshop will show participants methods and resources for using collaborative arts in their classrooms to teach STEM disciplines.

Sizzling Summertime Science Fun (K2, 13)

Presented by: Pat Hess

Come explore and play with science. We will be using household items to develop inquiry based STEAM learning. Come test your hypothesis and bring back some sizzling summer science activities for school-age youth.

3rd Session Workshops 2:45-4:15pm



Registration is on a first come first serve basis. It is strongly recommended participants REGISTER EARLY to receive 1st and 2nd choice session topics.

* Once sessions become full, participants will be placed in an open session.

Music, Movement, Planets and Numbers (K2, 19)

Presented by: Elizabeth Luff

In this interactive workshop for small or large groups, music and dance activities will be demonstrated. Practitioners will brainstorm ways to have fun while teaching letters, numbers, science and social studies themes using the arts to engage the whole child in learning about his/her world.

Get Outside: Explore Nature and Science (K2, 18)

Presented by: Stacy Carr-Poole

No matter what your school grounds look like, there is an amazing amount of science that can be taught by just stepping outside. Whether it is monitoring the changes in a tree throughout the seasons, determining slope and water run off on the playground, or looking for insects in a schoolyard garden, the nature around your school will engage students in real world learning.

Math is Fun (K2, 17)

Presented by: Indira Lawson

Children don't hate Math! They hate being confused and intimidated by Math. Come hear and see how Math can be both fun and understood by children of all ages.

Literature Meets Science (K2, 16)

Presented by: Anita Brook Dupree

In this workshop practitioners will use the well-known book "Make Way for Ducklings" to glean science content from the story. They will learn about birds and bird behavior.

Communication and Diversity Through Art (K2, 19)

Presented by: Christa M. Tinari

This interactive session will invite participants to try new activities and then reflect on the use of those activities with their own students. The activities presented will require minimal materials and can be adapted to meet the needs of different age levels. Learn how art-based activities can foster perspective-taking and diversity appreciation.

Sizzling Summertime Science Fun (K2, 13)

Presented by: Pat Hess

Come explore and play with science. We will be using household items to develop inquiry based STEAM learning. Come test your hypothesis and bring back some sizzling summer science activities for school-age youth.

Learn Math in Preschool (K2, 17)

Presented by: Nadine Johnson

In early childhood programs children learn math concepts through play. This workshop will cover new ideas for learning Math. Develop strategies and materials to use in preschool classrooms. Understand why hands-on learning is best for Math.

Cardboard Paint & Play in School Age Care (K2, 15)

Presented by: Tavia James

Participants will learn how to engage children in hands-on play to assist in fostering inquiry, problem solving and cooperation through use of a variety of recyclable materials, objects and items.

STEAM in your Toddler Classroom (K2,13)

Presented by: Koren L. Clark

The workshop will focus on how parallel talk, classroom materials and various play experiences can help encourage scientific thinking in your toddler classroom.

It will also concentrate on how to communicate the benefits of experience and play to parents.

Directions

Arcadia University

450 S. Easton Rd. * Glenside, PA 19038

By Train:

Take the SEPTA Lansdale/Doylestown or Warminster lines to Glenside Station. Use SEPTA #22 bus or taxicab or walk south along Easton Road to Arcadia University.

By Bus:

Take the SEPTA #22 to Arcadia University. Connect with the #22 from Broad Street Subway and SEPTA bus routes C, #18 and #26 at SEPTA center at Broad Street and Olney Avenue. From Mt. Airy/Cedarbrook take the SEPTA H bus and transfer to SEPTA #22 at Cheltenham Avenue Easton Road.

From Route 309 North/Cheltenham Avenue:

From Cheltenham Avenue, bear right onto Limekiln Pike (Route 309 North). As you approach light at Greenwood Avenue, move into right lane. Proceed through light and take first exit (Route 152/Glenside). At top of ramp, make right onto Easton Road. Make first left turn into Castle entrance.

From Route 309 South:

Take the Route 152/Easton Road exit. At top of ramp, make left turn onto Easton Road. Go through light and make left turn into Castle entrance.

From the Pennsylvania Turnpike:

Take the Fort Washington exit (#339). Proceed south on Route 309. Take the Route 152/Easton Road exit. At top of ramp, make left turn onto Easton Road. Go through light and make left turn into Castle entrance.

From the Schuylkill Expressway:

Take the Lincoln Drive exit (#340A) follow Lincoln Drive past Emlen Street to Mount Pleasant Avenue. Turn right onto Mount Pleasant and follow until it ends at Cheltenham Avenue. Turn left onto Cheltenham Avenue and right onto Easton Road at the Cedarbrook Plaza, before the Holy Sepulchre Cemetery. After crossing over Route 309, make left turn into Castle entrance.

From the Tacony Palmyra Bridge or Betsy Ross Bridge

Take Cottman Avenue (Route 73 West). Cottman Avenue becomes Township Line Road (still Route 73). Follow Route 73 as it makes a left turn onto Washington Lane. Make a right turn onto Church Road (Route 73) and continue to Arcadia University. After light at Limekiln Pike, make left turn into campus at second entrance.

From southern New Jersey via the Walt Whitman Bridge

Follow signs from your area to the Walt Whitman Bridge. Cross bridge and follow signs for Route 76 West (Schuylkill Expressway). Follow directions from the Schuylkill Expressway.

From southern New Jersey via the Ben Franklin Bridge:

Follow signs to the Ben Franklin Bridge. Cross the bridge and follow signs to Route 676 West to Route 76 West (Schuylkill Expressway). Follow directions from the Schuylkill Expressway.

From northern New Jersey

Take the New Jersey Turnpike to the Pennsylvania Turnpike exit (#6). Go west on the Pennsylvania Turnpike (I-276). Follow directions from the Pennsylvania Turnpike.

From the Commodore Barry Bridge, Delaware or Points South:

Take I-95 North to 476 North. Take 276 East (the Pennsylvania Turnpike). Follow directions from the Pennsylvania Turnpike

From the Philadelphia International Airport

Take I-95 South to 476 North. Take 276 East (the Pennsylvania Turnpike). Follow directions from the Pennsylvania Turnpike.

Campus Map

Registration will take place in the **Commons Building**

(Building #14 on map below)



Cost: \$35/person (Includes Lunch) - No refunds
 1st Choice sessions not guaranteed, register early!
 Certificates available to pre-PAID participants!!



Deadline
May 27, 2014

Registration

*NAME: _____

*ORGANIZATION NAME: _____

*D.O.B.: ____/____/____ *LAST 5 OF SSN _____

*PHONE NUMBER: _____

*EMAIL: _____

LUNCH CHOICE: Turkey____ Tuna____ Chicken Salad____ Veggie____
 White/Wheat Bread (Please circle 1) Water/Soda (Please circle 1)

Dietary Restrictions: _____

* Required for PD Credit

PLEASE PICK TOP 2 CHOICES FOR EACH SESSION

Session 1	1st	2nd	Session 2	1st	2nd	Session 3	1st	2nd
Into the Biome: Where Science Meets Art			Math is Fun			Music, Movement, Planets and Numbers		
Uncover The Solar System			Create A Green Space			Get Outside - Explore Nature and Science		
Launch Math Projects with Children's Literature			Accelerate Into STEM			Math is Fun		
Explore Art to teach STEM Disciplines			Music, Movement, Planets and Numbers			Literature Meets Science		
Integrate Technology into the Classroom			Rough and Tumble Play			Communication and Diversity Through Art		
Get Students Excited About Science			Launch Math Projects with Children's Literature			Sizzling Summertime Science Fun		
Put Young Problem Solvers to Work			Communication and Diversity Through Art			Learn Math in Preschool		
Things That Fly			Explore Art to Teach STEM Disciplines			Cardboard Paint and Play in School-Age Care		
STEAM in the Preschool Classroom			Sizzling Summertime Science Fun			STEAM in Your Toddler Classroom		

Make Checks Payable to: MELC
 Mail Registration: MELC/PD Dimensions,
 201 Sabine Ave., Narberth, PA 19072
 Fax Registration: 610-617-3550 Questions?: 610-617-4550 opt. 4

