Wiregrass Math, Science, and Technology Leadership Academy
February 6, 2016
Workshop location: Harrison Room, Malone Hall, Troy University - Dothan Campus

Agenda

8:00 – 9:00  Registration & Breakfast
9:00 – 9:05  Welcome and Introduction, Dr. Vijaya Gompa, Project Director.
9:05 – 10:35  Elementary Session 1: The Art of Science in Children’s Literature
  Presenter: Dr. JeeHae Helen Lee
  Science is often taught during Reading in Elementary Schools. How can we combine Reading and Science and make it engaging? Classroom teachers will learn the Art of Science in Children’s Literature. Using storytelling books, you will participate in hands-on science experiments that are creative, fun, and exciting!
  ∗ Science Experiment (SE) 1: Put Me in the Zoo  ∗ SE 4: Straw Through Potato
  ∗ SE 2: Glow Powder Activity Guide  ∗ SE 5: Windbags Activity
  ∗ SE 3: Floating Water  ∗ SE 6: Solar Bag Activity

9:05 – 10:35  Secondary Session 1: Introduction of Mathematical thinking for students
  Presenter: Dr. Raghu Gompa
  Teaching mathematics usually involves in education of processes and procedures to arrive at an answer to a mathematical problem. However, a student will succeed in mathematics only when certain thinking process takes place. The presenter will discuss some strategies to introduce and foster mathematical thinking in students. The participants will explore to incorporate these strategies in their classes.

10:35 – 10:45  Break

10:45 – 11:40  Elementary Session 2: The Art of Science in Children’s Literature
  Presenter: Dr. JeeHae Helen Lee
  ∗ Science Experiment (SE) 7: Color Changing UV Beads Activity
  ∗ SE 8: Insta-Snow
  ∗ SE 9: Diary of a Worm
  ∗ SE 10: Burning Money
  ∗ SE 11: Bubble Bomb Experiment

10:45 – 11:10  Secondary Session 2: Math Potpourri for Middle Grades
  Presenters: Ms. Belinda Forman & Ms. Katrina Harris-Hardison
  Ms. Harris-Hardison will be presenting on a Research Based Intervention Program called Math 180 that she uses in her classroom, along with other resources that may help students master the required Mathematics benchmarks. Ms. Forman will be sharing some of her most practical and helpful “tools” for the common core classroom. She will be sharing ways of taking notes, useful websites, and other classroom procedures.

11:15 – 11:40  Secondary Session 3: How to Engage students in Science Class
  Presenter: Mr. Walter Belisle
  The presenter will discuss ways to engage students in science classes. Some of the engagement plans include
  ∗ Bell ringer / Essential Question:  ∗ Student Location.
  ∗ Application.  ∗ Relate.

11:40 – 12:00  Evaluation & Survey, Dr. JeeHae Helen Lee, Curriculum Coordinator
Mr. Walter Belisle
Mr. Belisle was raised in Winter Haven, Fla. He went to school in Haines City, Fla. GO Hornets!! He met his wife in 1995 when he was a student at FSU. They were able to meet again in 1998 and have been together since. They have a son, Tyler. He is 14 years old. They also have two daughters, Anna 11 and Sara 5. They built a home in South Seminole County, Georgia. He has 5 hobbies; Cherl, his wife, Tyler, Anna, Sara, Science. He likes to research and build high Voltage electrical and Magnetic apparatuses. His education includes Associates of Arts (Music) from Polk Community College in 1994, Bachelors of Arts (Music Education) from Florida State University in 1996, Bachelors of General Science (Biology, Chemistry, Physics) from Troy University in 2009, and Masters of General Science Education (Biology, Chemistry, Physics) from Troy University in 2012.

Mrs. Belinda Forman
Belinda earned her B.S. degree in Education from Jacksonville State University in Jacksonville, AL. Her degree was a triple major in Elementary/ Early Childhood Education and Secondary Mathematics. She earned her Masters’ degree in Instructional Technology from National University in LaJolla, CA. She earned her Education Specialist Degree in Educational Leadership from Liberty University in Lynchburg, VA. She is in her 20th year of experience in teaching. She has taught in several schools across Alabama and Georgia with experience at all grades levels. Most of her experience is in teaching middle school mathematics. She presently teaches 8th grade mathematics in Eufaula City Schools.

Dr. Raghu Gompa
Dr. Raghu Gompa is currently serving as a professor and the head of the mathematics department at Atlanta Metropolitan State College (Atlanta, GA). He received Ph. D. in mathematics from the University of Toledo, Toledo, Ohio. He won many teaching excellence awards from Indiana University. He has conducted two eight-Saturday workshops on Dynamic Classroom Assessment sponsored by the Mississippi Department of Education.

Mrs. Katrina Harris-Hardison
Mrs. Katrina Harris-Hardison is the wife of Michael Hardison and the mother of four beautiful daughters and one beautiful granddaughter. She earned her B.S. in Business Administration from Auburn University Montgomery. She later earned a Master of Education from Troy University, with Alabama and Georgia Certification, followed by an Ed.S. in Elementary Education then on to receive her Master of Science in Instructional Leadership Administration both from Troy University. She has been employed with Eufaula City Schools for 15 years. She spent most of her years teaching Grades K-2. She has worked in all grade levels. She has been the Reading Interventionist at Eufaula High School and is presently the Math Interventionist, Grades 6-8, at Admiral Thomas H. Moorer Middle School in Eufaula City Schools. Her philosophy of education is no teacher has taught unless there is evidence that the learner has learned.

Dr. JeeHae Helen Lee
Dr. Lee is a professor at Troy University Dothan campus. She received her Ph.D. in Elementary Education/Early Childhood Education from the University of Georgia, Athens, GA. Her areas of expertise is multicultural education, diversity, science education integrated with children’s literature, and self-defense strategies for teachers in case of school shooting.