



6th Annual ZORA!™ STEM Conference for Middle School Students
 Presented by the Association to Preserve the Eatonville Community
 In Collaboration with
 Orange County Public Schools, Valencia College –West Campus
 University of Central Florida, College of Medicine
 Orlando Science Center & the National Center for Simulation

“Education Day,” Friday February 1, 2019

Hosted by



**Mid Florida Campus
 Building 1600**

AGENDA

- 8:00-8:15 a.m.** **Welcome**
- 8:20-11:20 a.m.** **Morning Workshops**
- 11:30-12:20 p.m.**..... **Lunch and Activities**
- 12:30 - 2:20 p.m.** **Afternoon Workshops**
- 2:30 - 2:45 p.m.**.....**Survey**
- 2:45 – 3:00 p.m.****Wrap-Up and Departure**

Workshop Opportunities:

Adventures in Medicine.....**UCF College of Medicine**
 An educational activity will expose middle and high school students to medical science and the physician-training process. The students will learn about the educational path and content in the four years of medical school and apply that knowledge in hands-on activities.

Space Exploration and Programing/Coding -----**Orlando Science Center**
 Students will immerse themselves in the exciting world of science technology! Take a tour through our solar system and beyond in our Mobile Planetarium, put your coding abilities to the test by completing a series of Ozobot challenges, and program a Makey Makey to turn your friends into a remote control!

Music in STEM -----**Valencia College**
 Music is everywhere but so is science. There is a great deal of physics embedded in music and we will discuss and demonstrate some of it.

Basic CPR -----**Orange Technical College**
 The students will learn Basic First Aid techniques including bandaging, choking procedures, and nosebleed care. In addition to learning Hands Only CPR with the mannequins during the training sessions.

Medical Simulation -----**SIMETRI, Inc.**
 A state-of-the-art special effects techniques and engineering with innovative medical training technologies, to create highly realistic human forms used for immersive medical training experiences. These simulations provide first responders and military medical personnel the opportunity to train in a safe and learner-friendly environment, developing the skills so critical to survival in the field.