CC ATLANTA PROGRAMMING

WEDNESDAY, APRIL 11

7-9pm  Children’s Council Executive Meeting

THURSDAY, APRIL 12

8am  Strengthening STEM in the Elementary School

This presentation will show how to expand STEM from a rotational class into a school-wide STEM program. (Christina Stansberry)

1-2pm  Children’s Council General Meeting

2pm  Inventors’ Stories Encouraging STEM Engagement

Explore and discuss the implications of this original research into using inventors' stories to encourage STEM interest and engagement for students in Grades 3-5. (Julie Sicks-Panus)

2pm  Blue Whale STEM Integration for Elementary Students

This hands-on STEM unit includes discovering and exploring the actual length of a blue whale using science, technology, engineering, and math. (Lori Barker)

3pm  Captivating Them Early: Elementary STEM That Works

Participants will explore proven and tested STEM design activities that engage elementary-aged students. Activities that are both easy to implement and deliver important STEM content. (Michael Daugherty)

4pm  Baby STEM: STEM in Primary Education

Participants will engage in a model integrated STEM lesson for young children and will discuss ways to integrate STEM into preK through second grade classrooms. (Cherry Steffen)
8am  Easy STEM Integration with NASA Resources
Participants will use NASA STEM resources integrating engineering into physical science lessons that target light and sound, force and motion, and states of matter.  (Joan Harper-Neely)

8am  STEM Camp: Animatronics and Coding
Students learn basic coding and use of arduino controllers, servos, and LED lights to control an animatronic puppet to share with their class. (Virginia Jones)

1pm  Making STEM Work: Writing for the Children's Technology and Engineering Journal
Field editors and authors of the Children's Technology and Engineering journal will share strategies for accessing resources and being active contributors to the journal. (Thomas Roberts)

2pm  Connected Learning: Building Partnerships within Your School Community
This presentation will provide ways to build partnerships within the school community and through outreach efforts that support students in STEM.  (Freda Hicks)

2pm  Collaborative Engineering with Skype
With Skype, students learn the value of diversity in collaboration for a common understanding of technology, constructing the design process, and solving real problems.  (Anita Mays)

3pm  Global Collaboration + STEM = Exponential Learning
This session explores how elementary students in Roanoke County and their global partners participated in global STEAM courses to solve real-world problems. (Kimberly Bradshaw)

3pm  Secondary Technology and Engineering Educators Supporting Elementary STEM
Often secondary teachers ask, "How can we build our technology and engineering education programs?" Learn how secondary programs can support elementary STEM programs and teachers. (Laura Hummell)