

## 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)