Conference Sessions
Each session is 90 minutes
Participants will attend two sessions

Sessions recommended for early childhood teachers (grades Prek-3)
- Accordion Books and Paper Circuits
- Artbot: Invention Lab (morning session)
- Artists, Authors, and Builders: The Bookmaking Project (upper ECE)
- Empowering Math Understanding: Using Arts Integration and Movement to Teach Math
- Safety First: Using Real Tools with Young Makers
- Synaptic Fire: Activating the Brain and Body
- Using 21st Century Skills to Assess Art Learning
- *Do It Together: An Intergenerational Approach to Maker & DIY Activities (Science Center field trip/registration required/$5 fee)

Sessions recommend for elementary teachers (grades 1-5)
- Accordion Books and Paper Circuits
- Artbot: Invention Lab (morning and afternoon sessions)
- Artists, Authors, and Builders: The Bookmaking Project
- Cardboard, Scissors, and Glue: The Original Maker Tools
- Empowering Math Understanding: Using Arts Integration and Movement to Teach Math
- Safety First: Using Real Tools with Young Makers
- Songs in the Key of Courage: Songwriting with a Social Justice Message
- Using 21st Century Skills to Assess Art Learning
- *Do It Together: An Intergenerational Approach to Maker & DIY Activities (Science Center field trip/registration required/$5 fee)

Sessions recommended for secondary teachers (grades 6-12)
- Accordion Books and Paper Circuits
- Artbot: Invention Lab (afternoon sessions)
- Artists, Authors, and Builders: The Bookmaking Project
- Cardboard, Scissors, and Glue: The Original Maker Tools
- The Art of Failure: Designing and Building a Kinetic Sculpture
- Using 21st Century Skills to Assess Art Learning
- What is FabLab?
**Accordion Books and Paper Circuits**
Barbara Liedahl, instructional specialist - media arts, *Prince George’s Co Public Schools*
Susan Brown, instructional specialist – library media services, *Prince George’s Co Public Schools*
Suggested for teachers of grade levels: 2-8

**Artbot: Invention Lab**
Matt Barinholtz, *FutureMakers*
2 sessions: grades PreK-5 and grades 3-8

**Artists, Authors, and Builders: The Bookmaking Project**
Maggie Weber, middle school art teacher, *New York City Public School*
Suggested for teachers of grade levels: 3-12

**Cardboard, Scissors, and Glue: The Original Maker Tools**
Nate Bourne, 8th grade science teacher, *Alamance Co NC Public Schools*
Suggested for teachers of grade levels: 4-12

**Empowering Math Understanding: Using Arts Integration and Movement to Teach Math**
Arianna Ross, *Story Tapestries*
Suggested for teachers of grade levels: PreK-5

**Safety First: Using Real Tools with Young Makers**
Sara Murphy, elementary art teacher, *BCPS*
Melissa Nunn, art intern, *UMBC*
Suggested for teachers of grade levels: 1-5

**Songs in the Key of Courage: Songwriting with a Social Justice Message**
Susan Coti, *Chords of Courage*
Suggested for teachers of grades 4-12

**Synaptic Fire: Activating the Brain and Body**
Karen Campbell Kuebler, *Towson University*
Suggested for teachers of grade levels: PreK-3

**The Art of Failure: Designing and Building a Kinetic Sculpture**
Steven McApline, *INDS, UMBC*
Suggested for teachers of grade levels: 6-16
Using 21st Century Skills to Assess Art Learning
Ken Skrzesz, MSDE
Suggested for teachers of grade levels: all

What is FabLab?
Justin Eames, City Neighbors High School
Suggested for teachers of grade levels: 6-12

*Do It Together: An Intergenerational Approach to Maker & DIY Activities
*Optional afternoon field trip to Maryland Science Center
Registration and $5 fee required
Suggested for teachers of grade levels: all