

# 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 21<sup>st</sup> 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 21<sup>st</sup> 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 21<sup>st</sup> 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, 8<sup>th</sup> 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 21<sup>st</sup> Century Skills to Assess Art Learning***

Ken Skrzysz, 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