

Children's Council of ITEEA CONFERENCE SCHEDULE

Wednesday, March 14, 2012

1:00 - 3:00 p.m.. - Children's Council Executive Board Meeting

The Children's Council of ITEEA promotes technology education in the elementary grades.

4:30 - 7:30 p.m. Pre-Conference STEM Workshop for Local Elementary Teachers
sponsored by Ptisco

The Children's Council of ITEEA will facilitate a pre-conference hands-on STEM workshop for local elementary teachers.

Thursday, March 15, 2012 - Children's Council Professional Development Learning Sessions

1:00 – 1:50 p.m. - I Taught, But Did The Students Learn? (Grades P-6)

Presenters: Kathleen Woodington

This hands-on workshop will walk participants through a 5 E's lesson using authentic formative assessments with a focus on Visual Literacy rather than "Bubblishious

00 – 1:50 p.m.. - Using TeachEngineering.org – A Free K-12 Engineering Resource (Grades K-

Presenter: Malinda Zarske

Become acquainted with TeachEngineering.org, a free, online collection of standards-based engineering lessons and activities that help integrate current engineering trends into your K-12 STEM courses.

2:00 – 2:50 p.m. STEM Family Day for Parents and Children (Gr 3 - 6)

Presenters: Marcello Caplan

This activity provides a frame for parents and children through hands-on activities and games, to promote a better understanding and appreciation for STEM subjects and careers.

2:00 - 2:50 p.m. - INSPIRE, Institute for P-12 Engineering Research and Learning (Grades P-6)

Presenter: Todd Kelley

A review of key research and learning on the 'E' in P-12 STEM education through the work of Institute for P-12 Engineering Research and Learning (INSPIRE).

3:00 - 3:50 p.m. - Oh the Thinks You Can Think (Grades 1-6)

Presenter: Jared Bitting

Come and learn how to take use the beloved books of Dr. Seuss to create exciting Technology & Engineering activities from elementary through middle school.

3:00 – 3:50 p.m. - You're Making a Difference - We'll Prove It! (Grades P-6)

Presenter: Vincent Walencik and Elizabeth Kendall

Perceptions of preK - early elementary school teachers and students toward “engineering” changed in this study. The results: come and find out. This is a hands-on workshop.

4:00 - 4:50 p.m. - Children's Council Business Meeting

The Children's Council for ITEEA promotes technology education in the elementary grades. Join us at this annual business meeting to map out plans for the next year. Regular members and new members are encouraged to participate.

5:00 - 5:50 p.m. - Children's Technology and Engineering Magazine Review Board Meeting

Open to anyone interested in contributing to Children's Technology and Engineering magazine.

Friday March 16, 2012 - Children's Council Professional Development Learning Sessions

11:00 – 11:50 a.m.. Engineering Adventure: Wind-Up Race Cars - (Grades 2 – 6)

Presenter: Darren Coon

Create an innovative wind-up race car; start with concepts as simple as a wheel and axle, then add rubber band power, gears or levers.

11:00 – 11:50 a.m.. - E and T Emergency: Engaging Girls Through SWE (Grades 4 – 6)

Presenter: Mary Phelps

The Society of Women Engineers guides K-8 educators through the variety of resources available to help them engage more girls in engineering and technology fields.

2:00 - 2:50 p.m- Making Math Hands-On and Minds-On in STEM (Grades 4-6)

Presenter: Mike Fitzgerald

Learn to use math as a part of STEM through hands-on and minds-on lessons, best practices, and projects that can easily be implemented in elementary STEM instruction.

2:00 – 2:50 p.m. - Elementary Engineering---Where the Action Is1 (Grades PreK-5)

Presenter: Roger Hill

Preparation of elementary teachers that includes engineering activities for grades K-5 has tremendous potential. This presentation shows how the University of Georgia is doing this.

3:00 – 3:50 p.m. - The Puzzle Fits - Engineering and STEM (Grades K-5)

Presenter: Ginger Whiting and Elizabeth Kirk

It takes quality professional development to bring every elementary educator on board to include Technology and Engineering in a STEM program. Learn what works!

3:00 – 3:50 p.m. - STEM / Community Success with NASA Through EBD (Grade 6)

Presenter: Vic Stefan

Engineering By Design's "Living in Space" Promotes Community Involvement and STEM Integration In the Classroom.

4:00 – 4:50 p.m. - Unwrap the Mysteries of STEM Education (GradesK-5)

Presenter: Ginger Whiting and Elizabeth Kirk

Technology and engineering already exist in your everyday curriculum. Investigate and find them in plain sight.

:00 - 4:50 p.m. - Exploring Engineering with Parents and Elementary-Aged Children (Gades 1-6)

Presenters: Neil Hutzler and Joan Chadde

Discover Family Engineering, a new hands-on program designed to involve families in fun, engaging engineering activities in an informal setting.

Saturday March 17, 2012 - Children's Council Professional Development Learning Sessions

9:00 – 11:50 a.m. - Exploring Family Engineering with Parents and Children (Grades K – 5)

Presenter: Joan Chadde and Neil Hutzler

Experience a variety of family engineering activities and learn how you can conduct Family Engineering events that will fun, hands-on engineering experiences to your school or community.