

14th Annual Virginia Children's Engineering Convention

Schedule at a Glance

February 25 & 26, 2010

Holiday Inn Select Richmond - Koger South Conference Center
 10800 Midlothian Turnpike
 Richmond, VA 23235
 804-379-3800 or 1-800-HOLIDAY

New Format!

Thursday & Friday



Thursday, February 25, 2010

3:00 p.m.	Set up of Educational Resource Exhibits / Vendors
4:00 p.m.	Registration Opens

Time & Location					
5:00–6:00 p.m. Opening Session	Keynote Speaker: Dr. Richard Boutwell. EASE Boat Design & Competition (K-5) EASE Boat Design and Competition for elementary school students is a stimulating application of STEM skills in the real world of shipbuilding design. Students enjoy the “fun of discovery” through this challenge that gives immediate feedback and recognizes team and individual achievement. Experience it for yourself and learn how to bring the excitement to your school at all grade levels.				
6:00 – 6:30 p.m.	Welcome Reception / light hors d'oeuvres Exhibitors Open In FOYER School Exhibits In James River Corridor				
6:30 – 7:30 p.m. Breakout Sessions (60 minutes)	Thank You!	Children's Engineering Across the Curriculum	KEVA Planks Contraptions	Engineering for All Seasons	Integrating Math into “Engineering Is Elementary” Curriculum
	K-5	2-3	1-5	K-2	1-5

Friday, February 26, 2010

Time & Location					
8:30 – 9:30 Breakout Sessions (60 minutes)	Introduction to Children's Engineering	Pop-up Workshop	Starting an After School Engineering Club at Your School	Edible Engineering in the Classroom	Implanting STEM Components into K-5 Classrooms with an Engineering Focus K-5 & Administrators
	K-5	1-5	1-5	2-3	

Sponsored by:
 Virginia Technology Education Association
 Technology Education Service, Virginia Department of Education

Hosted by:
 Virginia Children's Engineering Council (VCEC)

9:30-10:00 Exhibitors, Break, Networking ♦ Exhibitors Open In FOYER ♦ School Exhibits In James River Corridor

10:00-11:30 Breakout Sessions (90 minutes)	Gravity Racers: Investigating Motion	Using Math & Language Arts to Build Castles	Think Like Designers	Summer Engineering Camp	Administrative Panel
	1-5	4-5	3-5	2-5 & Administrators	Administrators

12:00 to 1:30 LUNCHEON
Shenandoah Ballroom / Second Floor
Keynote Speaker: Susan Kilrain

1:45 to 3:15 Breakout Sessions (90 minutes)	Engineering for a Sustainable World	The Toothpick Factory: Simulation Game for Team Building & Problem Solving	Inspiring Girls in Math and Science	LEGO WeDo: Introducing Primary Students to Robotics with the Concept of Systems	Creating an Engineering- Focused STEM Elementary School
	3-5	4-5	3-5	K-3	1-5 & Administrators

3:15 to 3:45 Exhibitors, Break, Networking ♦ Exhibitors Open In FOYER ♦ School Exhibits In James River Corridor

3:45 to 4:45 Breakout Sessions (60 minutes)	Zoom: An Inventor's Perspective	Tricks & Tips to Get You Started	Engineering the Pico Park	FIRST LEGO League: Starting a Competitive Team	The Status of Technology Requirements in Pre- service Elementary Teacher Education
	2-4	K-1	1-5	4-5	1-5 & Administrators

*A 30-minute break is provided between sessions due to the hands-on nature of the workshops and the need for breakdown/setup time for presenters.