

For more information on other exciting engineering activities, contact ISEK (Iowa State Engineering Kids).

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Member of QC FLL Planning Team

Thank You

A huge thank you goes to all sponsors, coaches, mentors, participants, parents and volunteers for their support of *FIRST* LEGO League. We cannot express how invaluable you are in promoting engineering, science and technology to the next generation. Thank you for your creativity, dedication and enthusiasm for the youth involved.

Special thanks to the Putnam Museum & IMAX Theatre for hosting the Quad Cities FLL Regional Qualifier. The includes: Nichole Myles, VP of Education and Kim Findlay, the Putnam President & CEO. Further information on the Putnam is available at www.putnam.org.

We would also like to thank our food sponsors: Donuts & More, E. Kimberly Hy-Vee, W. Locust Happy Joe's, Schnuck's, Bruegger's Bagels, Capriotti's, Chick-fil-A, Van's Pizza, Pub & Grill and Clarion.

About QCESC

The Quad City Engineering and Science Council (QCESC) is a totally volunteer, non-profit umbrella organization representing 36 technical societies in the Quad City region with approximately 5,000 total associated members. The QCESC is beginning its 50th year of operation in 2012 and annually sponsors events such as the National Engineers Week Banquet, awards for engineer, scientist and STEM Teacher of the Year, scholarships to local high school students, QC Tech Challenge for high school students and judges and speakers for student related events. Further information is available at www.qcesc.org, or on Twitter & Facebook.

About *FIRST*

FIRST (For Inspiration and Recognition of Science and Technology) was founded in 1989 by inventor Dean Kamen to inspire young people's interest and participation in science and technology. Based in Manchester, NH, *FIRST* is a 501 (c) (3) not-for-profit public charity. *FIRST* is supported by a strong network of sponsors and volunteers.

FIRST provides the *FIRST* Robotics Competition for high-school students and the *FIRST* LEGO League for 9 to 14 year-olds. *FIRST* also offers the Junior *FIRST* LEGO League for 6 to 9 year-olds and the *FIRST* Tech Challenge, a mid-level robotics competition that offers high-school students a more affordable and accessible opportunity to participate in *FIRST*. For more information, visit usfirst.org.

About the LEGO Group

The LEGO Group, a privately-held, family-owned company based in Billund, Denmark, is one of the world's leading manufacturers of high quality, creatively educational play materials for children. The company is committed to the development of children's creative and imaginative abilities, and its employees are guided by the motto adopted in the 1930s by founder Ole Kirk Christiansen: "Only the best is good enough." For more information, visit www.LEGO.com

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Quad Cities *FIRST* LEGO League



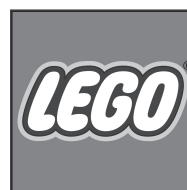
2011 Iowa FLL Regional Qualifier December 10, 2011

Rockwell Collins

Iowa State University
College of Engineering

Quad City Engineering & Science Council

Putnam Museum & IMAX Theatre



The FLL Mission

Our mission is to provide an inspirational learning experience that celebrates engineering, science and technology, allowing participants to develop skill sets and personal qualities that lead them to future success in scientific, technical and engineering fields.

Agenda

7:45 AM - 8:20 AM	Teams arrive, check in and find their pit area
8:30 AM - 8:55 AM	Coaches/Head Ref Meeting on 2nd floor theatre balcony
9:00 AM - 9:15 AM	Opening Ceremonies in the Grand Lobby
9:25 AM - 12:20 PM	Teams participate in judging sessions and robot performance rounds
12:20 PM - 1:00 PM	Lunch Break
1:00 PM - 3:00 PM	Teams participate in judging sessions and robot performance rounds
3:00 PM - 3:15 PM	Teams clean up their pit areas while judges deliberate
3:15 PM - 4:00 PM	Outreach activities including FTC robot demo in the Grand Lobby
4:00 PM	Closing Ceremonies in the Grand Lobby

Key Locations

Robot Matches
Grand Lobby

	Red	Blue
Core Values	Janice Hall 1st Floor	Spark! Learning Lab
Project	Komder A	Komder B
Robot	Waterman A	Waterman B

Presentation and Interviews

FLL is about more than just building robots. Teams have to be creative in how they work to solve real-world problems. This year, teams have created a list of their body parts, functions or systems, then thought about things that could go wrong and how to improve them. Teams were challenged to create an innovative solution based on the selected problem. They are also tasked with sharing their solution with their community. At tournaments like this one, teams present their project to a panel of judges. In addition to this project presentation, teams take part in interviews focusing on their strengths in both robot design and how they represent FLL's Core Values.

About FIRST LEGO League

Through the 2011 Food Factor™ Challenge, FLL teams will work to improve the quality of food by finding ways to prevent food contamination.

Have you ever seen so many people excited about solving real-world problems and engineering? We feel truly fortunate to work with committed students, individuals and organizations that share our goal of inspiring the next generation to celebrate engineering, science and technology. We commend you for assuming an active role in the development of today's youth into tomorrow's talented workforce. Tournaments such as this provide participants the opportunity to see that they are part of something larger than their own team. Ultimately, it is our hope that team members see tournaments as a microcosm of society where people work together to solve common problems.

Thank you for your attendance of this event. The participants today appreciate your support in their work of changing the culture, one brick at a time.

Teams

Team 1642 Maquoketa, IA <i>Robocards</i>	Team 3741 Muscatine, IA <i>Mulberry Red Eagles</i>	Team 6307 Davenport, IA <i>Giant Crazy Cow with a Huge Blue-Orange Kabab with a Bowl of Soup McBoom</i>	Team 9978 Bettendorf, IA <i>Team Rock'em Sock'em Robots/LCS Lancers III</i>
Team 2223 Davenport, IA <i>Radioactive Robots</i>	Team 3742 Muscatine, IA <i>Mulberry Silver Eagles</i>	Team 6543 Dubuque, IA <i>Eggsperts</i>	Team 10263 Bettendorf, IA <i>Robodogs</i>
Team 2346 Bettendorf, IA <i>Riverdale Rocks Robots</i>	Team 3945 Bettendorf, IA <i>LCS Team B.O.T.'s</i>	Team 7127 LeClaire, IA <i>Salmoners</i>	Team 12820 Dubuque, IA <i>Dubuque Girl Scouts</i>
Team 2349 Camanche, IA <i>Team Tobor</i>	Team 4362 Bettendorf, IA <i>Masterminds</i>	Team 7230 DeWitt, IA <i>The Brick Builders</i>	Team 14136 Dubuque, IA <i>November Miracles</i>
Team 2404 Muscatine, IA <i>The River Robot Rebels</i>	Team 4391 Rock Island, IL <i>Skeleton Crew</i>	Team 7354 Bettendorf, IA <i>Technical Difficulties</i>	Team 14139 Davenport, IA <i>Brick Stormers</i>
Team 2490 LeClaire, IA <i>Team Roadkill</i>	Team 4578 Rock Island, IL <i>The Food Inspectors</i>	Team 7355 Walcott, IA <i>The BaconatoRs</i>	Team 14144 Milan, IL <i>4H East Moline School District #37</i>
Team 2756 Tipton, IA <i>Lemonheads</i>	Team 4619 Davenport, IA <i>Food Botz</i>	Team 7869 Wilton, IA <i>Strawberry Pi</i>	Team 14146 Moline, IL <i>Darthbotics</i>
Team 2906 Muscatine, IA <i>Central Chargers</i>	Team 4620 Davenport, IA <i>Germ Busters</i>	Team 9566 Davenport, IA <i>Electric Jaguars</i>	Team 14182 Maquoketa, IA <i>Robocards 2</i>
Team 2997 Tipton, IA <i>Burgersaurus</i>	Team 5341 Rock Island, IL <i>Goin' Bananas</i>	Team 9914 Bettendorf, IA <i>Team P3/LCS Lancers II</i>	Team 14309 Moline, IL <i>Starbots - Way Cool STEM Science Club</i>

Code of Conduct

It is our expectation that teams, guests, mentors and coaches will conduct themselves in a manner of good citizenship and gracious professionalism including respect for the event venue, property, volunteers, teams and FLL staff. Participation is an opportunity to engage with other teams and individuals while encouraging camaraderie.