

California State University, Northridge
November 2011

First Robotics Competition Awards

Regional Chairman's Award

- *FIRST's most prestigious award, it honors the team that best represents a model for other teams to emulate and best embodies the purpose and goals of FIRST.*
- *The award helps keep the central focus of the FIRST Robotics Competition on the goal of inspiring greater levels of respect and honor for science and technology.*

FIRST Dean's List Finalist Award

- This award celebrates a student's outstanding leadership and effectiveness in advancing respect and appreciation for engineering and engineers, both within their school, as well as their community.
- *FIRST Dean's List* Finalists will compete at the championship for the *FIRST Dean's List*.

Engineering Inspiration Award

- Celebrates outstanding success in advancing respect and appreciation for engineering within a team's school and community.

Coopertition™ Award

- Celebrates the team that best demonstrates the ability to help their opponents compete.
- This award will be granted to the team that earns the most Coopertition Bonus points during the competition.

Creativity Award

sponsored by Xerox

- Celebrates creativity in design, use of component, or strategy of play.

Engineering Excellence Award

sponsored by Delphi

- Celebrates an elegant and advantageous machine feature.

Engineering Inspiration Award

- This award celebrates a team's outstanding success in advancing respect and appreciation for engineering and engineers, both within their school as well as their community.

Entrepreneurship Award *sponsored* *by Kleiner Perkins Caufield & Byers*

- Celebrates the entrepreneurial spirit by recognizing a team that, since inception, has developed the framework for a comprehensive business plan to scope, manage, and achieve team objectives.

Excellence in Design Award

sponsored by Autodesk

- This award honors clear and compelling evidence of excellence in design development, documentation, communication, and presentation.
- The intention of the Award is to inspire, recognize and celebrate design as one way in which you can change your world.

Gracious Professionalism™ Award

sponsored by Johnson & Johnson

- Celebrates outstanding sportsmanship and gracious professionalism in the heat of competition, both on and off the playing field.

Imagery Award

in honor of Jack Kamen

- Celebrates attractiveness in engineering and outstanding visual aesthetic integration of machine and team appearance.

Industrial Design Award

sponsored by General Motors

- Celebrates form and function in an efficiently designed machine that effectively achieves the game challenge.

Industrial Safety Award

sponsored by Underwriters Laboratories

- Celebrates the team that progresses beyond safety fundamentals by using innovative ways to eliminate or protect against hazards.

Innovation in Control Award

sponsored by Rockwell Automation

- Celebrates an innovative control system or application of control components to provide unique machine functions.

Judges' Award

- During the course of the competition the judging panel may decide a team's unique efforts, performance, or dynamics merit recognition.

Quality Award

sponsored by Motorola

- Celebrates machine robustness in concept and fabrication.

Rookie All-Star Award

- Celebrates the rookie team exemplifying a young but strong partnership effort, as well as implementing the mission of *FIRST* to inspire students to learn more about science and technology.

Rookie Inspiration Award

- Celebrates a rookie team for outstanding effort as a *FIRST team in community outreach* and recruiting students to engineering.

Team Spirit Award

sponsored by Chrysler

- Celebrates extraordinary enthusiasm and spirit through exceptional partnership and teamwork.

Website Award

- Recognizes excellence in student-designed, built, and managed *FIRST team websites*.

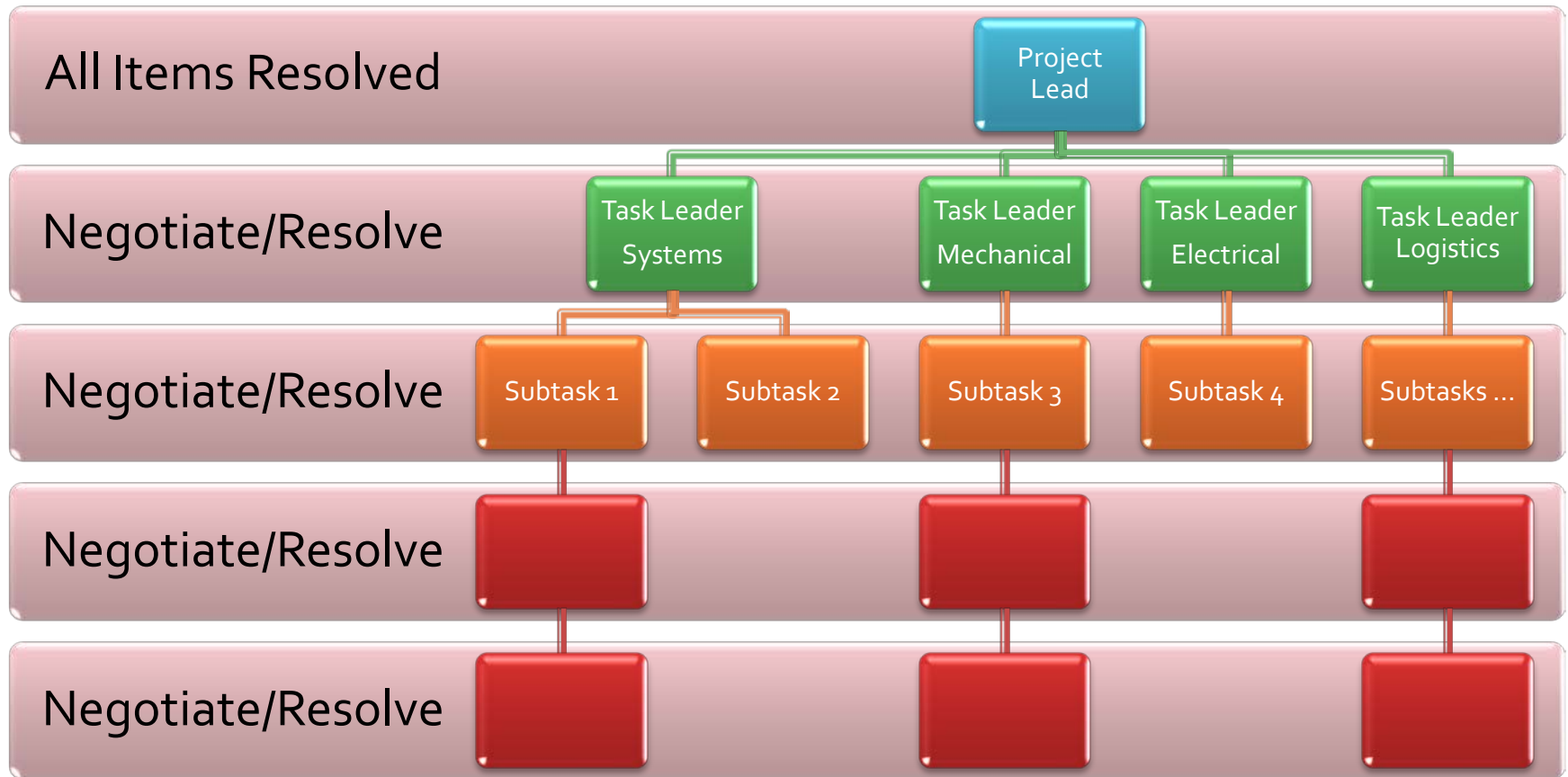
Build the Robot

Project Management

Organize your team

- What is the hierarchy of your team?
- Define Roles & Responsibilities
- Set Clear and Attainable Expectations
- Who is the final decision maker?
- Everyone has to POWER to resolve
- Conflict resolution at the lowest level of the resolution ladder

Organizational Structure & Resolution Ladder



Outline a Plan

- What is your Objective?
 - Understand what is the most single important item you want to accomplish as a Team?
 - How are you going to accomplish it, based on the resources you have?
 - Resources are people and their talents, equipment, materials, time, money
- Schedule & Budget
 - You can start planning now!
 - You have six weeks to build

Outline a Plan

- Check on a weekly basis
 - Did you accomplish what you set out to do for the week?
 - Did you do it well?
 - What could have been better?
 - What did you learn?
- What are your risks and how will you compensate for them?
- Test your creation prior to shipping...
- Plan to win!!!

Set SMART goals

- **S** pecific to do's to accomplish your goals
- **M** easure on a weekly basis
- **A** ssign properly by interest and aptitude
- **R** ealistic with things you want to do
- **T** imely – understand deadlines!

Practice being SMART

**Know what to do; Know that you can do it;
Know when you're finished!**

Want to know more?

- Understand what the Judges will judge
- Play to learn!
- Learn for fun!
- http://www.usfirst.org/uploadedFiles/Robotics_Programs/FRC/Game_and_Season_Info/2011_Assets/o6%20-%20Awards.pdf
- GOOD LUCK