FLL LEGO Robotics Team
Welcome to LEGO Robotics!

Practices
Tuesdays & Thursdays 3:15-5:00 in Mr. Sieling’s room
Saturdays may be necessary as we approach our competition.
Parents are responsible for the students having a ride home.

Competition
We are looking at Saturday, November 18th in Prior Lake, MN.
This date will be finalized by mid-October.
Parents are responsible for transportation.

Fees
This year the school is requiring a $25 fee payable through the activities web site.

Remind:
We will communicate mainly through email and the remind app.
To sign up for the Lego League Remind updates
Send a text to the number 81010 with the message @lakerlego

Ways to keep up with LEGO Robotics News
Lakeview Robotics  https://www.lakeview2167.com/Page/1393

Volunteer:
Parents are encouraged to come into practice to help! Expertise is not required.
Let me know if you would like to help out!

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More Information about Lego Robotics

**Robot Performance**
- **In the gym**
- **3 competition matches**
  - 2½ minute to run your missions
  - Only your best score counts
  - 2 kids at the table at any one time
  - Watch and learn from other teams
  - Loud and Exciting
  - HAVE FUN!!
- **Strategy**
  - READ THE RULES
  - Prioritize Missions
  - Focus on Repeatability
  - Aim for Reliability
  - www.hightechkids.org

**Judging - Project**
- Research a real-world problem:
  - 2013 Nature’s Fury: students explored the storms, quakes, waves and natural disasters to develop an innovative solution to prepare, respond or recover from Nature’s Fury.
  - 2012 Senior Solution: Improve the quality of life for seniors by helping them continue to be independent, engaged and connected to their communities
- Develop an innovative solution
- Create a presentation, song, skit, game show, etc.
- Make it fun, make it silly
- Share what you have learned!
  - www.hightechkids.org

**Judging - Robot Design**
- Show the judges your missions
  - Working Missions along with Attempts and Failures
  - Judges are looking to see how your team developed their missions
- Broken into Software and Hardware Robot Design
  - Judges provide positive feedback and encourage teams to think about other techniques and improvements
  - www.hightechkids.org

**Judging - Core Values**
- Teams will receive a same day fun cooperative challenge at the tournament to complete together.
  - www.hightechkids.org

**Minnesota FIRST® LEGO® League**
DEVELOPING 21st century skills:
- Innovation, creativity
- Teamwork, communication
- Presentation skills
- Confidence, leadership

HAVING FUN with science, technology and engineering and engaging kids at a critical age
BUILD. CREATE. THRIVE.™
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