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Hayhurst Neighborhood School Lego Robotics team “SupercalafragalisticexpialaMOTION” celebrates Project Award trophy
front (left to right): Ellie MacGregor, Tyler Hunt, Tyson Horn, Lilly Gonzalez, Harry Hayes
middle (left to right): Qadira Stephens, Jack Watson, Samantha Dossett
back (left to right): Fran Barth, Kathy Taylor

Hayhurst Neighborhood School Lego Robotics team wins award for “KID POWER” research project

The Hayhurst Neighborhood School Lego Robotics team, SupercalafragalisticexpialaMOTION, took home top honors for their research project entitled “KID POWER” at the FIRST LEGO League (FLL) Qualifying Tournament held December 12, 2009 at Catlin Gabel. The Project Award trophy was awarded to the team based on their quality research, innovative solutions, efforts to share with the community and creative presentation that best reflected an in-depth understanding of the various scientific disciplines and issues involved with the project.

The Hayhurst Neighborhood School team, comprised of six fourth graders and two fifth graders, began meeting 1-3 times per week during September. Utilizing on-line educational resources and games from Portland General Electric, the team learned about how power is generated, transported and used. As an innovative solution to powering their own hand-held electronic gaming devices, the team learned about using KID POWER to pedal a bicycle to generate enough energy to power a Nintendo DS.

Check out the team’s glog <http://hayhurst.glogster.com/kidpower/> for more information, pictures and activities.

Hayhurst Neighborhood School Lego Robotics team “SupercalafragalisticexpialaMOTION”:

Team: Ellie MacGregor (5th grade)
Harry Hayes (4th grade)
Jack Watson (4th grade)
Lilly Gonzalez (4th grade)
Qadira Stephens (5th grade)
Samantha Dossett (4th grade)
Tyler Hunt (4th grade)
Tyson Horn (4th grade)

Volunteer Coaches: Fran Barth (Technology Assistant), Kathy Taylor (3rd grade)

Volunteer Technical Mentors: John Kresl, Shannon Rodgers

Parent Volunteers: Sarah Watson, Terry Hunt, Stephanie Parent, Laura Jones, Lee Allis-Hayes

About First Lego League (FLL):

FIRST Lego League (FLL) is a global program created to get kids excited about science and technology. Geared for ages 9-14, FLL utilizes theme-based Challenges to engage kids in research, problem solving and engineering. The cornerstones of the program emphasize contributions of others, friendly sportsmanship, learning and community involvement.

Each annual challenge has two parts, the Project and the Robot Game. Working in teams of up to 10 kids and guided by at least one adult coach, team members have about 10 weeks to:

- Build an autonomous robot that will, in 2 minutes and 30 seconds, complete pre-designed missions
- Analyze, research and invent a solution for the “Smart Move” Challenge. Create a clever 5-minute presentation about their solution to perform in front of a panel of judges.
 - The 2009 FLL International “Smart Move” Challenge was to transform the way we look at transportation by accessing people, places, goods and services in the safest, most efficient way possible.

The culmination of all that hard work for many teams is their participation in an FLL Qualifying Tournament event. Much like a sporting event, referees monitor and score the robot game and judges review team presentations. Teams earn awards and trophies.

Additional Resources:

www.Firstlegoleague.org

www.ortop.org

<http://www.usfirst.org/roboticsprograms/fll/smartmove1.aspx>

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