

DID YOU
KNOW?

- FLL has 20,000+ teams in over 70 countries
- BAC has many robotics trophies from past years
- We have K-2 Robotics which begins in Spring
- We have a Cyberdroids Program at BAC

INSIDE
THIS ISSUE:

- Team News 2
- FLL Core Values 2
- Practice Schedule 3

Lego Cyberkids News

VOLUME 1, ISSUE 1

NEWSLETTER DATE

What is First Lego League (FLL)?

The best way to summarize *FIRST* LEGO League is to say that it is a robotics program for 9 to 16 year olds (9 to 14 in US/CAN/MEX), which is designed to get children excited about science and technology -- and teach them valuable employment and life skills. FLL can be used in a classroom setting but is not solely designed for this purpose. Teams, composed of up to ten children with at least one adult coach, can also be associated with a pre-existing club or organization, home-schooled, or just be a group of friends who wish to do something awesome.

Our Coach, Elena, has lots of

technical experience, HOW-EVER... In FLL, the children do the work! And the work is programming an autonomous



Coach Elena and last year's crew at competition!

robot (using the LEGO® MINDSTORMS® robot set) to score points on a thematic

playing surface, creating an innovative solution to a problem as part of their project, all while being guided by the FLL Core Values. These three elements - the Robot Game, Project, and FLL Core Values - make up what we call our yearly Challenge. Like any other organized "sport", teams also fundraise, create a team identity, and go on field trips. To see some of our teams in action you can visit the school TD page at <http://bactd.weebly.com/>

Contact me any time!

Sarah Jones

Sarahjones@cms.k12.nc.us

This Year's Challenge

Cyberkids have to design an innovative solution that helps make learning easier, better, or just fun! They will explore topics and decide as a team which direction they want to go. This project will be presented to judges at competition next year.

This year we have two Lego Cyberkids teams at Barringer. They are still working on their team names, but I am sure they will be awesome! Have your child continue to think about ways in which others learn and how we can make it better. The challenge

document was sent in last week's email. Please contact me if you did not receive the information. I look forward to a great year with super creative projects!!





What's Current with our Teams

Last week, the students were introduced to the Robot Games Mat and the missions they can complete with Coach Elena. Each mission has a different point value. This is how they gain points in the competition. You can read about the Robot Games in the challenge document sent to you via email.

This week, 9/9/14, the teams began researching their topic for the project presentations.

Team 1 (Subhajit, Ashrith, Krishna, Ani, and Khushi) decided on this topic: "How could we improve the way that someone learns and rides a bike safely."

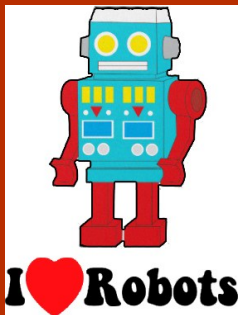
What a cool idea! This team has begun to research what bike safety mechanisms are already in place.

Team 2 (Rohan, Gabrielle, Jalen, Rishabh, Veda, Ojas) decided on this topic: "How could we improve the way preschoolers learn minecraft?"

I love this idea! They have already started researching how preschoolers learn.

On 9.16.14 the Cyberkids will be working with Coach Elena on Robot Games. Stay tuned for more updates . I know the students are having a blast in robotics!

"Engineers like to solve problems. If there are no problems handily available, they will create their own problems."
-Scot Adams



FLL Core Values

- We are a team.
- We do the work to find solutions with guidance from our coaches and mentors.
- We know our coaches and mentors don't have all the answers; we learn together.
- We honor the spirit of friendly competition.
- What we discover is more important than what we win.
- We share our experiences with others.
- We display Gracious Professionalism[®] and Coopertition[®] in everything we do.
- We have FUN!

Gracious Professionalism is a way of doing things that encourages high-quality work, emphasizes the value of others, and respects individuals and the community.

With Gracious Professionalism, fierce competition and mutual gain are not separate notions. Gracious professionals learn and compete like crazy, but treat one another with respect and kindness in the pro-

cess. They avoid treating anyone like losers. No chest thumping tough talk, but no sticky-sweet platitudes either. Knowledge, competition, and empathy are comfortably blended.

Coopertition[®] produces innovation. Coopertition is displaying unqualified kindness and respect in the face of fierce competition. Coopertition is founded on the concept and a philosophy that teams

can and should help and cooperate with each other even as they compete.

Coopertition involves learning from teammates. It is teaching teammates. It is learning from Mentors. And it is managing and being managed. Coopertition means competing always, but assisting and enabling others when you can.

Barringer Academic Center ~ Cyberkids Schedule 2014-2015

Tuesdays 7:30-9:00 a.m.

Sept 2 Robot Run with Coach Elena	Jan 6 Robot Run with Coach Elena
Sept 9 Project Presentation with Mrs. Jones	Jan 13 Project Presentation with Mrs. Jones
Sept 16 Robot Run with Coach Elena	Jan 20 Robot Run with Coach Elena
Sept 23 Project Presentation with Mrs. Jones	Jan 27 Project Presentation with Mrs. Jones
Sept 30 Robot Run with Coach Elena	Feb 3 Robot Run with Coach Elena
Oct 7 Project Presentation with Mrs. Jones	Feb 10 Project Presentation with Mrs. Jones
Oct 14 Robot Run with Coach Elena	Feb 17 Robot Run with Coach Elena
Oct 21 Project Presentation with Mrs. Jones	Feb 24 Project Presentation with Mrs. Jones
Oct 28 Robot Run with Coach Elena	March 3 Robot Run with Coach Elena
Nov 4 Project Presentation with Mrs. Jones	March 10 Project Presentation with Mrs. Jones
Nov 11 NO SCHOOL	March 17 Robot Run with Coach Elena
Nov 18 Project Presentation with Mrs. Jones	March 24 Project Presentation with Mrs. Jones
Nov 25 Robot Run with Coach Elena	March 31 NO PRACTICE
Dec 2 Project Presentation with Mrs. Jones	April 14 Robot Run with Coach Elena
Dec 9 Robot Run with Coach Elena	April ROBOFEST TBD
Dec 16 NO PRACTICE THIS DAY	Contact Information: Sarah Jones – saraho.jones@cms.k12.nc.us 980-343-5533 Parent Liaison- Still needed