



This is your invitation to join  
St. Thomas School's new club:  
**Junior First Lego League (Jr.FLL)**

**It's all about LEGO, Science, and having fun!**

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If you are in K thru 3<sup>rd</sup> grades during the 2011-2012 school year and you love Lego, science, & having fun,  
**Jr.FLL is for YOU!**

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**Join a Junior First Lego League team so you can...**

- Have a blast, learn a ton of new things & meet new friends!
  - Build cool models using LEGO blocks, gears, motors and more!
  - Learn more about science & technology outside the classroom
  - Represent your school at a Jr.FLL Expo with your team to show off your work and meet other Jr.FLL teams from around CT!
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**Cost:** \$50 per child for the school year

**Team size:** 6 children per team (\*multiple teams can be formed to accommodate a larger response for participation)

**Meeting times/dates:** The program timeframe will be 6 to 8 weeks long with optional enrichment events to showcase completed project. Meeting days/times are currently being planned for once a week after school from 2:30-4:30pm.

**\* Club meetings will begin in October**

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**Want to join the fun? Please complete the attached form and return it to school along with your fee by the deadline date of Oct 4<sup>th</sup>.**

Also visit the official FIRST website for more information regarding FIRST Jr.FLL:  
<http://www.usfirst.org/roboticsprograms/jfll/default.aspx?id=818>



## The 2011 Challenge!

### Keeping Food Safe

Can Junior *FIRST* LEGO League teams master the science of safely preparing food? In the 2011 Snack Attack Challenge, over 12,000 6 to 9 year olds from 5 countries will take a "hands on" approach to the topic of food safety by exploring how proper preparation and storage can help keep us healthy. Teams will learn about simple machines as they build a model made of LEGO® elements with a motorized moving part, and will create a team Show-Me Poster to represent their Snack Attack findings.

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Jr. FLL has captured the imagination and minds of thousands of kids. Each year, the Challenge Advisory Team designs a new and exciting Challenge to ignite the inherent creativity in young kids. The end result of the design process is a Challenge with two defined parts - the Show-Me Poster and the Model.

The Show-Me Poster requires kids to illustrate their research and team journey. It provides an opportunity for them to share what they studied, what they learned, and how they thought to improve the problem they chose. Their creative minds get started working on how to present their information and solution.

The Model portion of the Challenge gets kids' hands busy. This is where they build a representation of what they are researching (according to the Challenge requirements), incorporating simple machines and movement into their creation. Teams are able to utilize a motor to power movement in their model, or they can move an element of it by hand.

The Jr. FLL Challenge is based on the same real-world topic as the *FIRST* LEGO League (FLL) Challenge. It is open-ended, designed for younger kids, and customizable for every ability level.

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Interested in joining a team? Email Sonya Jelks @ [srjelks@earthlink.net](mailto:srjelks@earthlink.net) with the following information:

Student name: \_\_\_\_\_ Grade: \_\_\_\_\_

Parents' name: \_\_\_\_\_

Address: \_\_\_\_\_

Phones: \_\_\_\_\_ Email: \_\_\_\_\_