

## ***The Jr. FLL Program***

Contact: Bill Shaw, bill@inanimatereason.com, 813-249-5522

This year, we are offering kids aged 6 to 9 the opportunity to participate in Jr. FLL. This is a non-competitive team. The team will get a chance to take a field trip to a local tournament to display their project. The team will be coached by us and mentored by the members of a competitive robotics team.

Jr. FLL captures young children's inherent curiosity and directs it toward discovering the wonders of science and technology. Jr. FLL features a real-world Challenge, solved by research, critical thinking and imagination. Guided by adult coaches, students work with LEGO elements and moving parts to build ideas and concepts and present them for review.

### **Snack Attack Teaser - "Keeping Food Safe"**

Can Junior FIRST LEGO League teams master the science of safely preparing food? In the 2011 Snack Attack Challenge, kids 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.



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 general topic as the *FIRST* LEGO League (FLL) Challenge. It is open-ended, designed for younger kids, and customizable for every ability level.

Learn more at <http://www.juniorfirstlegoleague.org/> .