

What is Jr.FLL?

Junior *FIRST* LEGO League (Jr.FLL) is an exciting opportunity for the youngest budding scientists. It encompasses the core concepts of all *FIRST* programs to inspire, excite, and introduce kids to the wonders of science, technology, and engineering.

Jr.FLL

- Teaches the benefits of teamwork
- Sparks initial interest in science and technology
- Introduces basic design skills through a hands-on approach with the familiarity and fun of LEGO building
- Provides a culture of sharing and learning from others

The goal of Jr.FLL is to provide an experience that will capture young children's inherent curiosity and creativity and direct it toward discovering the possibilities of improving the world around them through understanding, thought, planning, and technology.

Welcome to Junior *FIRST* LEGO League!

Junior *FIRST* LEGO League (Jr.FLL) is a hands-on program designed to capture young children's inherent curiosity and creativity and direct it toward discovering the possibilities of improving the world around them. Jr.FLL utilizes theme-based Challenges to engage kids in research, problem solving, and introductory engineering concepts. The cornerstones of the program are its [Core Values](#), which emphasize contributions of others, friendly sportsmanship, learning, and community involvement.

**Each annual Challenge has two parts, the Poster and the Model.
Working at their own pace in teams of up to 6 and guided by at least one adult coach, kids:**

- Investigate the theme, according to the specific Challenge instructions
- Document how they researched and what they learned on a creative poster
- Build a model out of LEGO elements, incorporating a moving piece

The culmination of all that hard work for many teams is the participation in an event. Events for Jr.FLL are hosted, organized, and managed by the community. This means anyone is able to run an event for Jr.FLL teams, including you! The event can be similar to a science-fair type atmosphere, with the kids discussing their project with volunteers and other teams. The event experience is all about recognizing the Jr.FLL teams and celebrating their achievements. We encourage all teams to share what they have done with others, with just family or at an event.

On top of that, parents and teams can also use this web site to broaden communication and enrich their Jr.FLL experience.

Let's Go...

From finding resources to chatting about the latest Jr.FLL developments, you can use the site to stay connected. Visit [Site Help](#) for common site usage questions.

When it comes to teams, we have the online resources to help make your offline activities easier to manage. Jr.FLL Coaches can [start a Team Site](#), and Jr.FLL team members and their parents can [search for their Team Site](#). Not on a team? [Search](#) for teams accepting new members or [start your own team](#). Start your Team Site and see the current Challenge – get your [Team Access Pass](#) now!

Jr.FLL is part of the continuum of programs at FIRST and the result of a partnership between FIRST and The LEGO Group. In 1998, FIRST [Founder Dean Kamen](#) and The LEGO Group's [Kjeld Kirk Kristiansen](#) joined forces to create FIRST LEGO League (FLL). Jr.FLL developed in 2004, filling the need to engage younger kids in science and technology.

What is the Challenge?

Going into its 5th season, Jr.FLL has captured the imagination and minds of thousands of kids. Each year, the [Challenge Consultants](#) design 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 Poster and the Model.

The Poster aspect 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.

The Jr.FLL Climate Connections Challenge - Poster and Model - is revealed on September 5, 2008. You will get access to the Challenge from your Team Site after you have purchased your Team Access Pass.



Building a Global Game Plan

Embark on an exploration of the earth's climate in the Junior *FIRST* LEGO League's 2008 Climate Connections Challenge! Discover the links between science, people, resources, and communities. Unearth how we learn about past climates and delve into questions surrounding our current and future climatic conditions. Join Junior *FIRST* LEGO League teams in creating a global game plan as they make these Climate Connections!

Check out [past Jr.FLL Challenges](#).

Are you up for the challenge of the Jr.FLL Climate Connections season? [Get your Team Access Pass](#)