The 2005 FLL International Awards represent the true values and focus of FLL internationally. Children, regardless of what country they are from or what type of tournament event they compete in, will be judged using this group of awards, ultimately leading to a recognized standard of excellence for all FLL teams.

Award Categories

The 2005 FLL Awards are divided into four main categories:

1. **Technical Awards**
2. **Team Presentation Awards**
3. **Special Recognition Awards**
4. **Judge’s Awards**

Each of the four categories contains several individual awards. All tournament organizers are required to present the Technical and Team Presentation Awards; other award categories are presented at the discretion of the organizers. The Technical and Team Presentation Awards along with FLL Values Assessment are used to determine the Director’s Award candidates. In addition, all tournament participants receive a FLL Medallion to signify his or her accomplishments, both on and off the Competition Field.

Detailed Award Descriptions

**Technical Awards (50% of Director’s Award)**
The 2005 Technical Awards are divided into two categories each worth 25%: **Robot Design and Robot Performance**.

- **Robot Design Category (25% of Director’s Award)**
  
  Awards in this category are presented to the teams that demonstrate innovative mechanical design and programming. The Indiana State Tournament will give two awards in the Robot Design Category. One to a team for the best judge’s scores in combined, overall design emphasizing structure, locomotion, and innovative strategy to achieve missions. The other award will be for dependable and innovative programming. Judges will look for how your team:

  - Understands and applied innovative programming and mechanical design principals
  - Created an effective and efficient robot design and program
  - Can explain their design and programming processes

  Teams are encouraged to bring samples of their programming to this portion of the competition. This can be done by bringing a laptop computer or a hard copy of a portion of the programming diagram. Teams should be prepared to answer questions on how they decided on the design and programming and how they “perfected” their robot.

- **Robot Performance Award (25% of Director’s Award)**
  
  This award goes to the team whose robot achieves the best score of three rounds on the competition field or in the elimination round at the tournament (if the tournament has elimination rounds). At the Indiana State Tournament there are no elimination rounds but each team has three chances to accomplish their robot missions in a 2 ½ minute time period. The best score achieved in those rounds is counted toward this award. In the case of ties, the second best score is considered.
Team Presentation Awards: (50% of Director’s Awards) The Team presentation awards are divided into two categories each worth 25%: Project and Teamwork

Project Award: (25% of Director’s Award) This award is based on the quality of the research, innovative solutions, and creative presentation that best reflects an in-depth understanding of the various scientific disciplines and issues involved with the Challenge Project. The three criteria that are examined by the judges are:

- **Research Quality** – Judges listen for the use and understanding of diverse resources used to formulate an in-depth and thorough understanding of the team’s point of view and solution.
- **Innovative Solution** – Thought provoking and innovative resolution, including how and why it was chosen.
- **Creative Presentation** – An imaginative, creative presentation demonstrating the team’s research and solution.

On the day of the tournament, each team will have 5 minutes to present its research findings to the judge panel. There are endless possibilities and creative ways to present the Challenge Project such as skits, formal presentations, and demonstrations to name a few. Judges will also look for the team’s ability to have more than one or all team members participating. They will look for how the team does the following:

- Clearly defines a questions to guide the research
- Clearly and accurately outlines and understands all aspects of the problem
- Addresses the potential impacts if the problem is not resolved
- Captures the judges’ attention with the presentation
- Presents the solution, using robotics technology, and shows how it assists in resolving the problem
- Shows creativity and innovation in its solutions

Teamwork Award: (25% of Director’s Award) Teamwork is the key ingredient in the success of any team. This award is presented to teams that demonstrate extraordinary enthusiasm and spirit, exceptional partnership, and the utmost respect to its own teammates and in its support and encouragement of fellow teams. The team receiving this trophy demonstrates the following:

- Confidence, energy and enthusiasm
- Group problem-solving skills
- Understanding and respect of others
- Team interaction and group dynamics
- Demonstrated interest in science & technology
- Ability of team members to fill each other’s roles when necessary

Judges will meet each team at the designated time on the schedule for an informal discussion of how the team has worked together on their project. Coaches are encouraged to be present but to allow their team to do most of the talking with the judge.

Judge’s Awards: (Do not contribute to the determination of the Director’s Award)

**Against All Odds Award:** This award is given to the team that rises above the worst situation and improvises, adapts, overcomes and still makes a respectable showing. Teams are asked to submit a request to be considered for this award, plus a one page description summarizing the experiences that make them eligible for this award, at least 2 days before the state event (by Thursday, December 8). These short summaries are read by the judge. The judge will also interview each team in making a determination.
**Team Spirit Award:** This award recognizes the team that demonstrates the most enthusiasm & caring for teams. Judges will observe teams throughout the day noting their spirit in cheering for their teammates, distinguishing their team from all the others in their enthusiastic style and supporting the efforts of other teams. A positive attitude and expression of respect for other teams is also a component of this award. Judges will also consider recommendations from judges in other categories for this award.

**Judge’s Award:** This is an optional award at the discretion of the competition director and staff which is reserved for teams that don’t quite fit a specific award category; however, they are deserving of recognition for their unusual performance.

**Director’s Award:**

**Director’s Award Overview:** The Director’s Award is the most prestigious award that any team can win. It measures how the team members model excitement about science and technology and demonstrate respect and gracious professionalism. Teams considered for this award are those that perform well in all of the major award categories.

**Key Elements:** Once teams are eligible at the state tournament for this award based on their performance in the various other award categories, the judges convene to review their results and examine an FLL values assessment. In the case of close calls or ties, the FLL Values assessment will become crucial in choosing the winners. Using these parameters for determination, judges decide which team wins the Director’s Award. In the Indiana tournament, the team that wins the Director’s Award may only be given one other award in a specific category where they excelled.

**FLL Values:** The FLL experience is more than building robots or attending competitions. The FLL experience begins with the robot, but the most important element defines how the team members unite to form a team and how the program impacts each member as an individual and as a team member. The Director’s Award celebrates the ultimate success of the FIRST mission and FLL Values. It measures how the team members inspire and motivate others regarding the accessibility, excitement, and the wonders of science, technology and engineering while demonstrating respect, encouragement and continued gracious professionalism. The winning team receives the honor of serving as a valued role model for the FIRST and FIRST LEGO® League Program.