

Let's start with the Winners of our **Core Values Awards**, which are Inspiration, Teamwork and Gracious Professionalism.

INSPIRATION AWARD

Our first award for the day is the **Inspiration Award**. This award celebrates a team that is empowered by their FLL experience and displays extraordinary enthusiasm and spirit. Now let's hear what the judges had to say.

This team suspends new snappy attitude and enthusiasm, while they inspire those around them, and communicate with the passion of a mantis. Not just any mantis....this mantis can throw a ball to the MOON!!

The winner of the Inspiration Award is:
Team #: 605 Name: Mantis Shrimp Bots
Org/school: Neighborhood Group

TEAMWORK

Our next award is the **Teamwork Award**. Teamwork is critical to succeed in *FIRST* LEGO League and is the key ingredient in any team's success. This award recognizes a team that is able to accomplish more together than they could as individuals through shared goals, strong communication, effective problem solving and excellent time management. Now let's hear what the judges had to say.

Sometimes making a team run smoothly includes little tasks like keeping a log of your daily activities and big tasks like solving robot design challenges with your teammates. You don't need a **PhD** to recognize that this team has all its Lincoln's in a row. This group's teamwork can *finesse* them out of any tricky situation.

The winner of the Teamwork Award is:

Team #: 39301 Name: Professor Finessors

Org/school: Northland Innovation Center

GRACIOUS PROFESSIONALISM

Our third award is the **Gracious Professionalism Award**. This award recognizes a team whose members show each other and other teams respect at all times. They recognize that both friendly competition and mutual gain are possible on and off the playing field. Now let's hear what the judges had to say.

HATS off to this team's accomplishments! They truly understand and exemplify the building blocks of FIRST Lego League. Through their many outreach efforts, they are able to impact the **HOLE** community.

The winner of the Gracious Professionalism Award is:

Team #: 17998 Name: Green Hole

Org/school: Family/Community Team

Our second group of awards is for **Robot Design**

In this category, judges look for teams whose work combines robust mechanical design, excellent programming, and a sound strategy – all of which culminate in an innovative robot

MECHANICAL DESIGN

Our first award in this category is for **Mechanical Design**. This award recognizes a team that designs and develops a mechanically sound robot that is durable, efficient and highly capable of performing the challenge missions. Now let's hear what the judges had to say.

Their attachments may look like a hunk of junk to other people, but this team comprised of 5 schools came together to solve 4 missions in 17 seconds.

The winner of the Mechanical Design Award is:

Team #: 4331 Name: Space Whales

Org/school: St Agnes Elementary School

PROGRAMMING

Our next award is for **Programming**. This award recognizes a team that utilizes outstanding programming principles, including clear, concise and reusable code that allows their robot to perform challenge missions autonomously and consistently. Now let's hear what the judges had to say.

This team outdid their NFL inspiration by actually winning an award. Their robot may even get so excited that it will speak. Now they can show this award to anyone who asks to see it.

The winner of the Programming Award is:

Team #: 7868 Name: Show-Me Legos

Org/school: Family Friends

STRATEGY & INNOVATION

Our third Design Award is **Strategy & Innovation**. This award recognizes a team that uses solid engineering practices and a well-developed strategy to design and build an innovative, high performing robot. Now let's hear what the judges had to say.

This team showed fantastic innovation in their robot design in unique ways. They used more air than they could breathe in their design. Taking concepts from under cars and rubber bands, this team had strategy akin to organized crime.

The winner of the Strategy & Innovation Award is:

Team #: 31163 Name: Lawrence Lego Mafia

Org/school: Raintree Montessori School

Our next group of Core awards is for the **Project**:

The purpose of the FLL project presentation is to show that individuals can make a difference by researching a problem, then contributing ideas and solutions to real-world issues. Your conclusions and solutions are the result of working hard to truly understand the magnitude of a problem through research and hands-on learning experiences. During your project planning, you used your teamwork abilities and talents to put together information, create a solution, and help others understand how your ideas could work.

RESEARCH

Our first project award is for **Research**. This award recognizes a team that utilizes diverse resources to formulate an in-depth and comprehensive understanding of the problem they have identified. Now let's hear what the judges had to say.

This team showed Independent thought by asking around town to many a PRO. Turn down the lights, silence the noise, and STICK around in your jammies to get ready for bed.

We want you to shout, not just talk, give a round of applause to the ROBOHAWKS!

The winner of the Research Award is:

Team #: 16320 Name: Robohawks

Org/school: Nativity of Mary School

INNOVATIVE SOLUTION

Our next project award is for **Innovative Solution**. Solutions to problems come in many different forms, limited only by the team's imagination. This award recognizes a team's solution that is exceptionally well-considered and creative, with good potential to solve the problem researched. Now let's hear what the judges had to say.

This team's Project solution was "the whole package". These students took a problem in space exploration that hasn't been sufficiently solved -- the problem of plastic waste -- and came up with a great solution: EAT IT! The judges found their idea for edible food packaging to be both innovative and sensible, even while it lacked flavor. In our opinion, this gang is definitely orbiting greatness.

The winner of the Innovative Solution Award is:

Team #: 17562 Name: Orbit Gang

Org/school: Platte City Middle

PRESENTATION

Our third project award is for the **Presentation**. This award recognizes a team that effectively communicates the problem they have identified and their proposed solution to both the judges and other potential supporters. Now let's hear what the judges had to say.

This team communicated their design for improving production of fresh food in space in an efficient and well organized manner.

They knew how to achieve their goal without wasting a thing.

This teams presentation was built masterfully!

The winner of the Presentation Award is:

Team #:41342 Name: Menning Master Builders

Org/school: Family/Community

ROBOT PERFORMANCE

Let's move on to the Robot Performance Award

Sometimes we measure success by a number only, but in this case, that number represents hours of strategizing and improving team members' mechanical and programming expertise. This award goes to the team whose overall package of robot design, programming, strategy, and teamwork helped it to achieve the competition goal of acquiring more points than any other team. Now let's hear what the referees had to say.

Using only three launches to get the high score of the day, this turtle bot uses a combination of active and passive attachments. Their accessory motors drive gears in two dimensions and two light sensors keep the robot on track. With as many as six missions in a single launch, the robot named Pi-Bard 4 certainly didn't dig itself into a hole.

The winner of the Robot Performance Award is:

Team #: 17998 Name: Green Hole

Org/school: Family/Community Team

JUDGES AWARD

Many high-quality teams do not fit the mold for an existing award, but nonetheless deserve one. Some teams have a story that profoundly sets them apart in a unique way. Sometimes a given award is so close that the judges want to recognize a team's achievement. This award gives the judges the freedom to recognize the most remarkable team for which a standard award does not exist. Now let's hear what the judges had to say.

The judges felt this team was **EXTRAORDINARY**; bringing a lot of enthusiasm and team spirit to the competition! They stand or sit together as team to accomplish their goals. And like they said in the judges room, "It's not what we win, it's what we learn."

The winner of the Judge's Award is

Team #: 18261 Name: Extraordinary Machine Works

Org/school: Family/Community

GLOBAL INNOVATION AWARD

The *FIRST* LEGO League Global Innovation Award is a competition designed to showcase the real-world, innovative solutions that *FIRST* LEGO League teams create as a result of their Project. This award encourages and assists teams to further develop solutions to real-world problems that demonstrate originality and have the potential to add significant value to the world.

The winner of the Global Innovation Award is

Team #: 17562 Name: Orbit Gang

Org/school: Platte City Middle

CHAMPIONS AWARD (1st & 2nd place)

Invite Matt Mohler, Regional Judge Advisor to come to the stage.

This most prestigious award goes to the team who, in the big picture, is the strongest in all of the categories combined. The Champion's Award winner is the total package – the embodiment of the *FIRST* LEGO League vision. The Champion's Award encompasses the 9 components of our 3 Core Awards of Robot Design, Project and Core Values plus Robot Performance. This team exemplifies the FLL Values and understands the true meaning of *FIRST* LEGO League.

The FLL experience is more than building robots or attending competitions. It begins with the robot, but most importantly, it is defined by how our future engineers and scientists form a team to accomplish a difficult goal. The program impacts each of them as individuals and as team members.

This award celebrates the ultimate success of the *FIRST* mission and FLL Values. It measures how these young people inspire others about the accessibility and excitement of science, technology, and engineering while demonstrating respect, encouragement, and continued gracious professionalism.

Today we are awarding a 1st, & 2nd place Champion's Award winner. Our top team will qualify for, and is invited to the 2019 *FIRST* World Festival, held in Houston, Texas. In addition to qualifying, this team will be receiving the **Gracious** gift, a \$500 donation to assist with travel and other expenses related to the World Festival. This gracious gift comes from a previous FLL student whose team advanced to Worlds four years ago and he wanted to help other students have the same experience that he had by assisting with the cost of the event. In addition, this team will receive a pay it forward gift of \$400 from Team Green Hole. This team will also have their registration fee covered by the KC STEM Alliance.

Furthermore, our second place Champion's Award Winner will be invited to the Arkansas Razorback Invitational. *(pause for effect)*

Now let's hear what our judges had to say about our 2nd place Champion's Award winner:

This team not only talks the talk, but walks the walk. Their respect and appreciation for one another caught the judges' EYES. They were polite, poised, and put-together in their presentation. In robot design, they recognized that moving up was key to an effective design, which moved their performance to the top as well. These ladies are true **PRO**-professionals at what they do!

The 2nd place Champion's Award winner is:

Team #: 15845 Name: Pro Bots

Org/school: Neighborhood Group

It's now time to find out our Champion's Award winner – Let's hear what the judges had to say:

The judges were rocked by this team from Robot to Core Values. They sang a song of insight about themselves; but most importantly use gratitude and appreciation to fuel their rocket of excellence. During their project presentation they showed excellent development of their research after the qualifier and made creative use of a prototype design. This team's robot design and programming was thorough and solid as a rock.

The Champion's Award winner of the Greater Kansas City Regional is:

Team #: 41436 Name: Rockin Robots

Org/school: Family/Community Team

