

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.

**This team sought extra time in their after-school sessions in order to work through any conflicts. They demonstrated pride for one another and respect for all individual's contributions. The team took notes from the last two years and swapped jobs so that all members were familiar and comfortable with the process. An outstanding quote from one student was that there are "small parts for a bigger cause," truly a metaphor for not only their robot, but also for their excellent team.**

The winner of the Inspiration Awards is:

Team #: 4012    Name: The Pembrotics

Org/school: The Pembroke High School

## 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.

**This team recovered stronger from a fallen stack during the teamwork challenge. They had consistent, even contribution from each team member. Teamwork is not just a performance for this team; it is a part of who they are. They instilled debriefs as a consistent part of their process, and they embraced games as a way to de-stress. They called one another "a family." One student shared, "This team is a space where I can speak my mind freely and not be criticized for it." It is evident that this team's teamwork is a foundation for their success.**

In addition to winning the Teamwork Award, this team is qualifying for the Kansas City Regional Championship to be held at Metropolitan Community College's Business & Technology Campus in January.

The winner of the Teamwork Award is:

Team #: 24497 Name: Colts

Org/school: Coronado Middle School

## **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.

**This team did not “horse around” on their summer break. Even though they wore green, they build up others self-esteem. Their summer camp was where it was at!!**

In addition to winning the Gracious Professionalism Award, this team is qualifying for the Kansas City Regional Championship to be held at Metropolitan Community College's Business & Technology Campus in January.

The winner of the Gracious Professionalism Award is:

Team #: 15919 Name: STEM Stallions

Org/school: St. Patrick School

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

## **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.

**This team wowed us with their way out design. Was it a robot or was it an attachment? They used all of the space in base. No harpoon was needed to catch this *whale* of a design.**

In addition to winning the Mechanical Design Award, this team is qualifying for the Kansas City Regional Championship to be held at Metropolitan Community College's Business & Technology Campus in January.

The winner of the Mechanical Design Award is:

Team #: 4331    Name: Space Whales

Org/school: St. Agnes 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.

**When you are king of the jungle, team size doesn't matter. This trio rose to the challenge by using advanced programming, including myblocks and loops. The organization and detailed documentation cleared the path to be crowned as the winner. Let's give a mighty roar for these Lions!**

The winner of the Programming Award is:

Team #: 26920 Name: Whitefield Lions

Org/school: Whitefield Academy

## **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.

**This small robot uses large attachments. The team has mastered the art of working together, and reusing code in myblocks. While there are only three of them, they still place all three carts!**

In addition to winning the Strategy & Innovation Award, this team is qualifying for the Kansas City Regional Championship to be held at Metropolitan Community College's Business & Technology Campus in January.

The winner of the Strategy & Innovation Award is:

Team #: 41342 Name: Menning Master Builders

Org/school: Home Team

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.

## **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.

**Here is a team that keeps you in top physical shape. When you are physically strong, you are emotionally intelligent and mentally sharp. They make the equilibrium happen through their magnetic solution: keeping you in motion, your gears moving, and your wheels spinning. They will not let you fade away, instead they make you rise and shine!**

In addition to winning the Research Award, this team is qualifying for the Kansas City Regional Championship to be held at Metropolitan Community College's Business & Technology Campus in January.

The winner of the Research Award is:

Team #: 6318    Name: Technohawks

Org/school: Nativity of Mary

## 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.

**This team impressed the judges in multiple dimensions. Their solution to planetary radiation was both well-explained and very deep. Their team members were animated and clearly bright, despite naming their team "Black."**

The winner of the Innovative Solution Award is:

Team #: 5011      Name: Cyborgs - Black

Org/school: Metro Homeschool Robotics

## **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.

**A dog could be comforting and keep you calm on a long space journey. Even while sleeping in their beds, animal sounds, soft fur, and a lemony scent is the way to travel in comfort without anyone having doodoo duty.**

In addition to winning the Presentation Award, this team is qualifying for the Kansas City Regional Championship to be held at Metropolitan Community College's Business & Technology Campus in January.

The winner of the Presentation Award is:

Team #: 40135 Name: BotDogs

Org/school: Briarwood

## ROBOT PERFORMANCE

Let's move on to the Robot Performance Award

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.

**This team built a blocky little robot with lots of room for big attachments. Two light sensors help it navigate and four motors keep everything moving. Their robot "Wall-e" makes food, extracts resources, and launches it all into space! This team is building a strong Heritage for future successes.**

The winner of the Robot Performance Award is:

Team #: 30617 Name: ChargerBot

Org/school: Heritage Christian Academy

## **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.

**This team lit up the room with personality. They can sleep well knowing their project will help them fight off anti-gravity sleeping problems. This team is always learning, even in the face of losing. We are pleased that these seven young ladies are the recipients of the Judges Award!**

The winner of the Judge's Award is

Team #: 39700 Name: Lunars

Org/school: Boone Elementary

## QUALIFYING TEAMS

FIRST looks for the most well rounded teams to advance to the next level of competition. Doing great in the Project, Core Values, Robot Design and the Robot Table shows a teams well roundness. These teams exemplify the FLL Values and understand the true meaning of *FIRST* LEGO League. Now lets see our other KC Championship qualifying teams.

### **TEAM 1:**

Team #: 17613 Name: The Astro-Nerds

Org/school: Harmony Elementary

### **TEAM 1:**

Team #: 605 Name: Mantis Shrimp Bots

Org/school: Community Team

### **TEAM 1:**

Team #: 38021 Name: Stealth Panther Robotics - Lego Panthers

Org/school: Knob Noster Schools

## CHAMPIONS AWARD

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.

The winner of the Champions Award qualifies for the Kansas City Championship being held at Metropolitan Community College's Business & Technology Campus in January.

**Space presents many problems over a long journey. Curling up and getting a quality “night” of sleep is definitely one of these problems. After *sleeping* on this problem, one team decided to do a service project, collecting resources and, again, sleeping on the problem. Having learned the best ways to sleep, this team then researched how astronauts sleep and were able to put this problem to rest with an innovative and attractive solution: a magnetic sleep suit!**

The winner of the Wyandotte Qualifier Champion's Award is:

Team #: 16320 Name: Robohawks

Org/school: Nativity of Mary



