

## KANSAS CITY FIRST LEGO LEAGUE - 2019Q3 – BINGHAM MIDDLE

AWARD	TEAM	NAME	AFFILIATION	ADVANCING
<b>Champions</b>	6476	Park Planners	Our Lady of the Presentation School	YES
<b>CV - Inspiration</b>	9148	Mustang Robotics	Campbell Middle School	NO
<b>CV - Teamwork</b>	583	Falconbots Green	Summit Lakes Middle School	YES
<b>CV - Gracious Professionalism</b>	773	Challengers	Trailridge Elementary	NO
<b>PR - Research</b>	46710	Troop 744	Girl Scouts	YES
<b>PR - Innovative Solution</b>	5800	The Dragons	Excelsior Springs Middle School	NO
<b>PR - Presentation</b>	40135	BotDogs	Briarwood Elementary	YES
<b>RD - Mechanical Design</b>	33376	Trailbots	Homeschool - Independence MO	YES
<b>RD - Programming</b>	46452	Comet Tech 4-H	Comet Tech 4-H	YES
<b>RD - Strategy &amp; Innovation</b>	31406	Techno Crafters	Happy Learning	YES
<b>Judges Award</b>	31309	Spirit Robotics	Whiteman AFB Youth Center	NO
<b>Robot Performance</b>	583	Falconbots Green	Summit Lakes Middle School	YES
<b>Advance Only</b>	4110	Titanium Architects	Our Lady of the Presentation	YES
<b>Advance Only</b>	38829	League of Robotic Panthers A	Prairie Star Middle School	YES
<b>Advance Only</b>	13510	Odd Constructors	Mission Trail Elementary School	YES

**KANSAS CITY FIRST LEGO LEAGUE - 2019Q3 - BINGHAM**

Rank	Team
1	583
2	6476
3	1880
4	582
5	46452
6	8614
6	31406
8	13510
8	38425
10	38829
11	2175
11	31309
11	48583
14	772
14	773
14	39324
14	46710
18	4110
18	17954
20	46483
21	7233
21	32946
21	40135
24	46484
25	33376
25	44128
27	9148
28	47994
29	5800
30	27217
31	32459
32	34454
32	38604
34	5802
34	7169
36	7223
36	21275
38	7236
39	40577
40	47585

## CORE VALUES

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

### *Inspiration*

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.

#### *Judges Script:*

This team didn't horse around when it came to the core value of inspiration. They clearly learned how to improve their world by being creative, and their team identity was well expressed. One could say their future is very bright. This team is "CLASSIC" like the car by same name... great job "Mustang" Robotics.

The winner of the Inspiration Award is:

<b>Team #:</b>	9148
<b>Team Name:</b>	Mustang Robotics
<b>Location:</b>	Campbell Middle School
<b>Advancement:</b>	<b>NO</b>

## ***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.

### ***Judges Script:***

This group displayed teamwork in reviewing many different project possibilities. The final project was nothing to sneeze about. When all was said and done, they truly blossomed.

The winner of the Teamwork Award is:

**Team #:** 583

**Team Name:** Falconbots Green

**Location:** Summit Lakes Middle School

**Advancement:** **In addition to winning this award, this team is qualifying for the Kansas City Regional Championship!**

## ***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.

### ***Judges Script:***

This team was sure able to CHALLENGE the status quo, by dropping everything to help other people. You CHALLENGED them to learn more about their robot. Getting along and modeling Gracious Professionalism was not a CHALLENGE for this team at all.

The winner of the Gracious Professionalism Award is:

<b>Team #:</b>	773
<b>Team Name:</b>	Challengers
<b>Location:</b>	Trailridge Elementary
<b>Advancement:</b>	<b>NO</b>

# PROJECT

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.

### ***Judges Script:***

This team submitted a plan that detailed their three different meetings, their two types of construction, and one perfect solution to their problem. These ladies take their uniform from the empowered women of the forties, and follow a law that has been in place for over 100 years. Their attention to detail gave them the best solution towards a safety issue thats draining on their community.

The winner of the Research Award is:

**Team #:** 46710

**Team Name:** Troop 744

**Location:** Girl Scouts

**Advancement:** **In addition to winning this award, this team is qualifying for the Kansas City Regional Championship!**

## ***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.

### ***Judges Script:***

This team has been competing at FLL for a very long time. They have been growing stronger and taller, the same as their winning project. We have been watching and celebrating their growth every year and this is the year. Their project using genetically modified plants to build affordable houses has propelled them to the top. So quit Dragon your feet and get on up here Dragons!

The winner of the Innovative Solution Award is:

<b>Team #:</b>	5800
<b>Team Name:</b>	The Dragons
<b>Location:</b>	Excelsior Springs Middle School
<b>Advancement:</b>	<b>NO</b>

## ***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.

### ***Judges Script:***

This team showed amazing leadership and preparation. They were very thorough in researching a variety of sources and professionals. They considered the best solution, materials, and cost analysis. Their solution figured many details shared with several members of the community. They seemed to work very hard and worked well together. Their "Dome of Life" community center is a very big idea from a group of very big thinkers, from Overland Park, Kansas - #40135 The Bot Dogs

The winner of the Presentation Award is:

**Team #:** 40135  
**Team Name:** BotDogs  
**Location:** Briarwood Elementary  
**Advancement:** **In addition to winning this award, this team is qualifying for the Kansas City Regional Championship!**



# ROBOT DESIGN

Our next group of awards is for Robot Design, recognizing the construction, programming, and the innovation of the 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.

### ***Judges Script:***

This team worked extremely well together in developing their Boxy robot. Their robot used an awesome linear actuator to release the swing. This team will be blazing the trails

The winner of the Mechanical Design Award is:

**Team #:** 33376  
**Team Name:** Trailbots  
**Location:** Homeschool Independence MO  
**Advancement:** **In addition to winning this award, this team is qualifying for the Kansas City Regional Championship!**

## ***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.

### ***Judges Script:***

This team demonstrated complex code that drove loops around their competition. The used past experienced to fly through their code. Watch out, these comets are coming for you when it comes to coding.

The winner of the Programming Award is:

**Team #:** 46452

**Team Name:** Comet Tech 4-H

**Location:** Comet Tech 4-H

**Advancement:** **In addition to winning this award, this team is qualifying for the Kansas City Regional Championship!**

## ***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.

### ***Judges Script:***

This team strategized a method to take down the board in one innovative move. Crafting a robot perfect for the job. These crafters took on the treehouse challenge with a unique dumpster design.

The winner of the Strategy & Innovation Award is:

**Team #:** 31406

**Team Name:** Techno Crafters

**Location:** Happy Learning

**Advancement:** **In addition to winning this award, this team is qualifying for the Kansas City Regional Championship!**

# OTHER AWARDS

## ***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.

### ***Judges Script:***

This team used smart attachments that just dropped on the robot. They had a unique, drive-by, whisker to release the swing. Using a single attachment and just driving forward, they triggered all 3 parts of the crane mission. Putting stacks all over the field, robot Mission Im-pollen-able was the only robot today to score over 300 points.

The winner of the Robot Performance Award is:

<b>Team #:</b>	583
<b>Team Name:</b>	Falconbots Green
<b>Location:</b>	Summit Lakes Middle School
<b>Advancement:</b>	

## ***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.

### ***Judges Script:***

This judges award is for the team, who will persevere in this years theme of building better places to live and work for everyone. The project they have designed will go beyond this competition, and they are willing to see it through until the end.

This team walked us through their home town, and showed us the many difficulties pedestrians face. They want their town to be a place where there will be no more racing across the streets, no more stumbling up the steps, and no more tripping on the sidewalk. These Robots in Training are working to create more handicap parking, wheel chair assessible stores, and opportunities to cross the road safely. We are proud to recognize this team, and cannot wait to hear of their success in their home town. Join with me,

when I say 31 you say 309.

31....309

31....309

The winner of the Judges Award Award is:

<b>Team #:</b>	31309
<b>Team Name:</b>	Spirit Robotics
<b>Location:</b>	Whiteman AFB Youth Center
<b>Advancement:</b>	<b>NO</b>

# 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 #:** 4110  
**Team Name:** Titanium Architects  
**Location:** Our Lady of the Presentation

## ***TEAM 2***

**Team #:** 38829  
**Team Name:** League of Robotic Panthers A  
**Location:** Prairie Star Middle School

## ***TEAM 3***

**Team #:** 13510  
**Team Name:** Odd Constructors  
**Location:** Mission Trail Elementary School

## ***TEAM 4***

**Team #:**  
**Team Name:**  
**Location:**

## ***TEAM 5***

**Team #:**  
**Team Name:**  
**Location:**

# CHAMPIONS

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!!!

## ***Judges Script:***

This team took it out of PARK and drove home the win with both the simplicity and effectiveness of their robot design. The judges in all areas were thoroughly impressed with the documentation this team provided. They worked seamlessly as a team, including succeeding in their Core Values challenge. They also worked intelligently with all members of their community to implement their solution to improve an outdated, undervalued, not handicap accessible public space. This team absolutely exemplified all aspects of Core Values, Project, and Robot design. They are truly phenomenal FIRST ambassadors and deserving of this award!!!!

The winner of the CHAMPIONS Award is:

<b>Team #:</b>	6476
<b>Team Name:</b>	Park Planners
<b>Location:</b>	Our Lady of the Presentation School