



CITY SHAPER

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FIRST LEGO League Kick Off

Saturday, Sept. 7th

Williams High School

Who does what in North Texas

- FIRST – Develops the FIRST LEGO League Program, handles team registration and coordinates with LEGO Education to ship kits
- Perot Museum – Handles local qualifier registration, runs the North Texas Regional Championship Tournament
- Kelly Goodner – FIRST LEGO League Manager at the Perot Museum
 - Email is the best way to contact me!
- Volunteers – More than I can begin to mention!

Robot Game

Make sure to read ALL the rules carefully!

Referees will be checking sizes this season for both robot parts and the Innovative Architecture mission model.

No carts or tables for robot parts will be allowed at the game table.

Regional Judging Updates

- Consolidated Rubrics and Judging
 - One 20 min. judging session
 - All three areas will be presented, starting with the 5 min. project presentation. No core values poster but will still have core values activity.
- No robot game tables in the Judging Room.

Consolidated Judging

The 20 minute interview will include the following in this order:

- 5-minute **timed** Project presentation and the clock starts as soon as the team enters the room.
- 2 minutes questions related to the project. If needed.
- 5-minute Robot Design that includes a 2 minute Robot Design Executive Summary presentation.
- 5-minutes for Core values that includes a 2-minute Core Values Activity (no core values poster will be required this season)
- 3- 5 minutes questions on any category as the judges desire to complete the rubric.

Consolidated Rubrics



Judging Rubric Team # _____ Name _____ Room _____

Directions: For each skill area, clearly mark the box that best describes the team's accomplishments. Please provide as many written comments as you can to acknowledge each team's hard work and to help teams improve. When you have completed the evaluation, please circle the team's strengths.

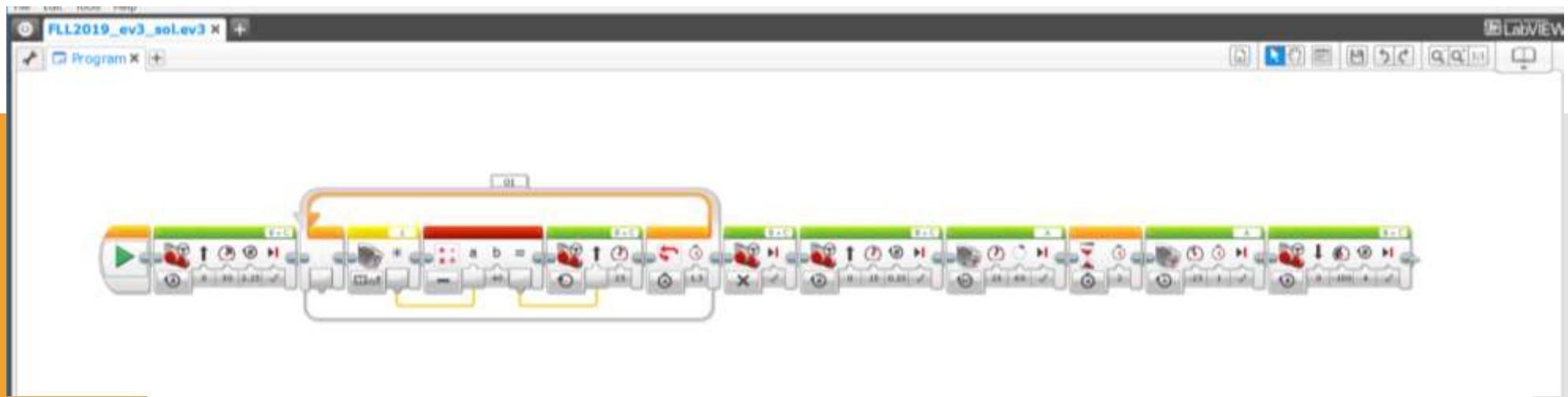
Beginning = Significantly less than description. **Developing** = Less than description. **Accomplished** = Meets description. **Exemplary** = Exceeds description

Core Values	Inspiration Balanced approach to all three aspects while team shows enthusiasm and fun expression of team identity and demonstration of application of FIRST LEGO League values <i>Accomplished: emphasis on all three aspects; team is enthusiastic and fun; clear identity; team able to describe multiple examples</i>	Beginning	Developing	Accomplished	Exemplary
	Teamwork Problem solving and decision making processes explained while appropriate balance between team responsibility and coach guidance <i>Accomplished: clear team goals and processes; excellent time management and role definition allows team to accomplish most goals; Good balance between team responsibility and coach guidance</i>	Beginning	Developing	Accomplished	Exemplary
	Gracious Professionalism Consideration, respect and appreciation for the contribution of all team members and demonstration that the team competes in the spirit of friendly competition <i>Accomplished: balanced team involvement AND appreciation for contributions of most team members; almost always evident with all team members</i>	Beginning	Developing	Accomplished	Exemplary
	Comments:				
Project	Research Clear definition of the problem being studied; the quality and variety of sources cited including professionals in the field; the extent to which existing solutions were analyzed <i>Accomplished: mostly clear, detailed; sufficient quality and variety including professionals; sufficient study and analysis by team</i>	Beginning	Developing	Accomplished	Exemplary
	Innovative Solution Clear explanation of proposed solution; degree to which the team's solution makes life better by improving existing options, developing new applications, or a new idea; use of a systematic process to develop the solution <i>Accomplished: Understandable; original solution/application with the potential to add value; systematic and well-explained, including evaluation or verification</i>	Beginning	Developing	Accomplished	Exemplary
	Presentation Degree to which the team shared their Project before the tournament with others who might benefit. Effectiveness of message delivery and presentation creativity <i>Accomplished: shared with more than individual or group who may benefit; engaging AND imaginative; mostly clear; mostly organized</i>	Beginning	Developing	Accomplished	Exemplary
	Comments:				
Robot Design	Mechanical Design Economic use of parts and time; easy to repair and modify with evidence of structural integrity and the ability of the robot to move or act with appropriate speed, strength & accuracy for intended tasks <i>Accomplished: rare faults/repairs; appropriate use of parts and time to repair/modify; appropriate balance of speed, strength and accuracy on most tasks</i>	Beginning	Developing	Accomplished	Exemplary
	Programming Modular, understandable programs that are appropriate for intended purpose and would achieve consistent results using mechanical or sensor feedback <i>Accomplished: should achieve purpose repeatedly; appropriate code and easy to understand; robot moves/acts as intended repeatedly w/ occasional driver intervention</i>	Beginning	Developing	Accomplished	Exemplary
	Strategy & Innovation Ability to develop and explain improvement cycles where alternatives are considered; ability to clearly define and describe the team's game strategy which includes unique, or unexpected feature(s) that are beneficial in performing the specified tasks <i>Accomplished: systematic and well-explained; clear strategy to accomplish the team's well defined goals; original feature(s) with the potential to add significant value</i>	Beginning	Developing	Accomplished	Exemplary
	Comments:				

Strength(s): Project Robot Design Core Values

Coaches Guides and Engineering Notebooks





Crane Mission



Volunteering Opportunities

The North Texas FIRST LEGO League Region is one of the largest in the US. In order to continue to grow and allow more teams to participate we need help!

Volunteering as a judge and referee is a great way to learn how to better help your own team.

Apply to be a volunteer through your FIRSTinspires portal.

Qualifiers

Qualifier Dates

- Nov. 16th
- Nov. 23rd
- Nov. 30th
- Dec. 7th
- Dec. 14th

Qualifier Registration Week: Oct. 14th – 18th, 2019

12th Annual
North Texas
FIRST LEGO
League
Championship

Jan. 25th, 2020 at Parish Episcopal School



Resources

- <https://www.perotmuseum.org/educators/first-lego/index.html>
- <https://www.firstinspires.org/robotics/fll>
- <https://roboplex.org/fll/>
- <https://groups.google.com/forum/#!forum/northtexasfll>

Questions?

Kelly Goodner

FIRST LEGO League Manager

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