2019-2020 Judging Sessions for Regional Events

Returning teams will notice some changes to how judging is done for the Eastern Missouri regional FIRST LEGO League competitions. This guide is to help new and returning teams prepare. As usual teams will be judged on core values, presentation, and robot design with each judge session lasting 10 minutes.

- **Robot Design Judging:**
  - 5 minutes for robot design descriptive presentation, 5 minutes for questions
  - What to bring:
    - There are no required printed or written materials but teams are encouraged to bring program printouts if they have them.
    - Teams are required to bring their robot and all attachments they wish to discuss.
  - Robot judging will emphasize the design process rather than example robot runs this year.
  - Teams are required to do a robot design executive summary (RDES), which, despite the name, is not a document but rather a presentation outlining succinctly the team’s approach and implementation of the robot to meet the game challenges.
  - The robot design descriptive presentation shall clearly outline:
    - the design strategy and design process;
    - how mechanical design elements are durable, move, and manipulate game pieces;
    - how programs are designed, organized, documented, and fit within the team’s game strategy;
    - and anything your team considers innovative, unique, fun or particularly challenging about the robot design.
  - Teams are encouraged to review the judging rubrics to help them prepare their presentation.
  - There will not be a game table or field setup in the judging room. A reduced scale printed field layout will be available to help teams show the path their robot takes and refer to specific game pieces being manipulated by robot attachments.
  - Like project judging, setup time counts against robot design presentation time.

- **Core Values Judging (no changes):**
  - 5 minutes for exercise; 5 minutes for questions
  - A core values poster is not required but teams are encouraged to go through the exercise of at least discussing the core values to prepare for judging.
  - If your team makes a core values poster, please do not bring it to judging.

- **Project Judging (no changes):**
  - 5 minutes to set up and present; 5 minutes for questions
  - Parents/coaches may carry heavy or valuable items but cannot setup.
  - Setup time counts against presentation time

Teams are encouraged to review the FIRST materials or talk to other teams to help them understand the process. Eastern Missouri FIRST LEGO League representatives will be available at training events to answer questions.