2019 Judges Choice Awards

All teams must fill out the nomination form on the team home base on the KIPR website to be eligible for the award they are nominated for. Teams may nominate themselves or others. You may apply for **MULTIPLE** awards. Submit any questions to the FAQ.

Overall Judges Choice - Judged on site

KISS Award (Keep it simple students)
Explain how your robot(s) is **simple** yet highly effective and consistent in completing targeted tasks. Detail how your design is not only simple, but also robust and well built.

Spirit of Botball - Judged on site

Outstanding Engineering
Evidence of use of engineering design process (prototyping, testing, iterative design)
You will have to ask the students about how they applied the engineering design process to their robots. Quality construction (workmanship/attention to detail) that is robust, clean and elegant. Subunits are well designed and integrated as part of an overall, well crafted, functional robot. Are the robots sturdy or do they take a lot of attention between rounds or do items come apart during a match?

Outstanding Programming
The robot(s) are consistently successful in completing the tasks.
Evidence of collaboration between programming and the mechanical design. Did they work out problems together or did the builders hand it off to the programmers to make it work?
Make sure to include some actual code and explain it. This part of the code makes the robot move forward then this part opens the claw, etc.

Outstanding Overall Design
Robot design demonstrates innovation and creativity in effectively solving a design problem that is consistent with team strategy. Did you have a goal in mind that you designed the robot to solve? Robot was designed with potential hazards and durability in mind. Evidence that teams used testing data to make design changes.

Outstanding Sub-system
Evidence of use of engineering design process (prototyping, testing, iterative design)
Quality construction (workmanship/attention to detail). Subunit is effective and operates as intended. This could be a drive system, claw, arm, sorting mechanism, adjustable camera set-up etc. As long as the subsystem functions it is okay it doesn't have to be part of a robot where every subsystem is well integrated and functioning well (That would be reflected in the Outstanding Engineering Award).

Outstanding use of sensors
Robot(s) used sensor(s) as part of their overall design and strategy. Teams that used the vision system should be scored higher than teams that do not. You should ask the teams what sensors they used on their robots and why they are using them (to locate a game piece, to detect something, etc.)

Robot Collaboration & Synchronization
Team strategy makes good use of two robots each working on independent or collaborative tasks. Robots are well synchronized and work well together. Evidence of strategy and design utilizing two or more robots.

Outstanding Team Spirit – On site

Outstanding Outreach
Team members are good role models for younger team members. Teams make numerous outreach presentations during the year at: their own school; other schools; feeder schools and elementary schools and to the general public.

Outstanding Rookie Team
Team collaboration and co-ownership are evident and team members have a positive attitude and are excited to be participating for the first time.