



Judge Summary Sheet

Team Number:	Needs Improvement	Fair	Good	Excellent
Team Name:				
Think Award – Engineering Notebook is Required				
The Engineering Notebook is well organized and follows the proper format.				
The Engineering Notebook not only describes the physical construction of the robot, but also team strategy, objectives, and the reasoning behind their design.				
The Content reflects the creative design process: identifying the problem, research, brainstorming, choosing the best solution, and developing and prototyping.				
Rockwell Collins Innovate Award – Engineering Notebook is Required				
The team has built a robust, well-engineered robot that demonstrates the execution of a planned design that shows creativity and “out of the box” thinking.				
The robot has a competitive drive system that is tailored to support the strengths of the teams’ strategy towards the game.				
The team has designed and built an exceptional manipulator for game objects that performs consistently and effectively.				
The team has developed and executed a well-planned strategy for maximizing their ability to play the game that takes scoring systems, alliance interaction, and changes and events during a match into consideration.				
PTC Design Award – Engineering Notebook is Required				
Robot Differentiates itself from others. Design Element is both aesthetic and functional.				
Team utilizes PTC Software to prototype or assist with robot design.				
Preference should be given to a team using PTC CAD Software tools in developing their design.				
Incorporates Industrial Design elements into their solution.				
Well thought out basis for the design (why i.e. inspiration, function, etc).				
Connect Award				
Demonstrates awareness of their community and a desire to have a positive impact on society. Provides clear examples of outreach in their community.				
Has reached out to those with careers in science, engineering, technology, and mathematics to learn more about professional fields of study.				
Demonstrates cooperation with other teams during the build season as well as during the competition.				
Shows strong communication skills in articulating how, as individuals and as a team, they have grown and interacted with others during the season.				
Team has a business plan or other way of determining their fundraising needs and a plan to achieve their fundraising goal.				
Motivate Award				
The team shows spirit and enthusiasm for the FTC program, engineering, community outreach, etc.				
Team shows their spirit through costumes and fun outfits, a team cheer or outstanding spirit, or through their collective efforts to make <i>FIRST</i> known throughout their school or community.				
Inspire Award – This is the top Award for the Competition – Engineering Notebook is Required				
Demonstrates Gracious Professionalism, exemplary communication skills, and teamwork both within the team as well as with their alliances.				
Has an impressive design that is well executed and consistently performs well during matches.				
Exemplifies the spirit of discovery and the process of using science and engineering to create elegant solutions to an open-ended problem.				
Has a team direction with defined goals both on and off the playing field, and has enacted and executed plans to fulfill those goals. The goals should “raise the bar” for other teams.				
Team works beyond their robot to help spread awareness of the team within the community.				
Engineering notebook is submitted, and impresses the judges.				