2018 Botball Onsite Presentation Rubric

Team#:

(Prompt-refers to the judges having to prompt the student to provide the answer)	No Prompt	Prompt	
Introduction			
Presenters are ready to present at assigned time.	2	1	
Presenters introduce themselves to judges.	2	1	
Team Knowledge			
Structure and Organization			
Description provided detailing team demographics (#, gender, grade level).	2	1	
Described process for meeting (in-class, extracurricular, after school, weekends).	2	1	
Described how the team was organized (officers, leaders, committees, etc.).	2	1	
Teamwork			
Description of the decision making process the team used when deciding on strategy and/or robot design.	4	2	
At least one example of how the team handled conflict.	4	2	
A brief discussion of the team's goals/strategies at the beginning of the season and how they did or did not change over the building and programming period.	2	1	
Description of how division of labor was accomplished.	2	1	
Robot Design			
Description of the overall robot system (students may use robot of choice).			
Provided overview of the robot's mechanical systems.	4	2	
Included explanation of how the mechanical design supports sensors.	4	2	
Included explanation of how the mechanical design supports effector.	4	2	
Provided at least one example of how the robot was tested.	4	2	
Provided detail of test data analysis used such as; average, mean, max. or min.	4	2	
Provided at least one example of actual robot code and explained what it does by pointing out what sensors are being used and what motors are being driven.	8	4	
Provided a description of a tough problem encountered with the design and a brief explanation of how it was solved.	4	2	
Provided a description of an elegant solution to a problem encountered in design or construction.	4	2	
Supporting Documentation (ELECTRONIC PRESENTATIONS ALLOWED)			
Includes at least one: Photograph or CAD or Drawing or Physical Model.	4		
Item was used to effectively support ANY idea/concept on rubric.	2		
Includes a Flow Chart that shows **computer program** flow.	4		
Item was used to effectively support program flow	2		
Includes a Graph. (Must include units and enough data to describe the distribution; include measure(s) of central tendency-avg. mode, median, etc.)	4		
Effectively used to describe data distribution in support of concept.	2		
Communication Skills			
Presentation followed a logical progression (overall quality of presentation).	2 | 4	6 | 8	
Overall Quality of Presentation			
Knowledgeable in Q & A responses			
Thoroughly covered OR effectively answered questions about team structure and organization.	2		
Thoroughly covered OR effectively answered questions about mechanical design.	2		
Thoroughly covered OR effectively answered questions about robot code.	2		
Social Media Impact How has your team promoted robotics, your team, or your school?	4		
Finished in Allotted Time (8 minutes)	6		
Judge's Comments (Remember these are optional & students **will** be able to read them)			