

## 2010 Botball Onsite Presentation Rubric

(Prompt-refers to the judges having to prompt the student to provide the answer)	No Prompt	Prompt
<b>Introduction</b>		
Presenters are ready to present at assigned time.	2	1
Presenters introduce themselves to judges.	2	1
<b>Team Knowledge</b>		
<b>Structure and organization</b>		
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
<b>Teamwork</b>		
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	2	1
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.	4	2
Description of how division of labor was accomplished.	2	1
<b>Robot Design</b>		
<b>Description of the overall robot system (students may use robot of choice)</b>		
Provided overview of the robots mechanical systems	4	2
Included explanation of how the mechanical design supports sensors	4	2
Included explanation of how the mechanical design supports actuators	4	2
Provided at least one example of how the robot was tested.	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
<b>Detailed analysis of sub-unit (Drive train, grabber, arm, etc)</b>		
Provided detailed description of the unit	4	2
Provided explanation of how the code was tested.	4	2
<b>Supporting Documentation (no electronic presentations allowed)</b>		
Includes at least one: Photograph or CAD or Drawing or Physical Model	2	
Item was used to effectively support idea/concept	2	
Includes a Flow Chart	2	
Item was used to effectively support idea/concept	2	
Includes a Graph	4	
Item was used to effectively support idea/concept	4	
<b>Communication skills</b>		
Presentation followed a logical progression	6	
Presenters spoke up and used good eye contact	2	1
<b>Overall Quality of Presentation</b>		
Finished in allotted time (10minutes)	4	
Knowledgeable in Q & A responses		
Effectively answered questions about team structure and organization	2	
Effectively answered questions about Mechanical Design	2	
Effectively answered questions about robot code	2	
<b>Thank You</b> (An example of a letter you used to thank your sponsor(s) or teacher, mentor)	2	