

<h1>2024 Botball Period 1 Documentation Rubric</h1> <h2>Project Plan</h2>	Team name
	Team #
(If an item marked as <b>Required</b> is not met, the submission will not be graded)	<b>Points</b>

<b>Document Requirements</b>		
Document is a PDF		<b>Required</b>
The submitted file must be original work completed solely by students on the submitting team.		<b>Required</b>
The submitted file <b>CANNOT</b> be a duplicate of the project plan for other teams at your school or within your organization		<b>Required</b>
Document is named "2024 P1 Project Plan - Team #" (Ex. 2024 P1 Project Plan - 1000).		2
Team name, number, and region should be at the top of the first page.		2
The submitted document uses standard punctuation and grammar.		2

<b>Organization and Planning</b>		
	This section includes a sub-heading with the title of "Organization and Planning", clearly separated from the text.	1
<b>Calendar</b>	<b>The purpose is to help you organize and manage your time between the workshop and the tournament</b>	
	This section will begin with the title "Calendar", clearly separated from the text.	4
	There must be a calendar in this section.	6
	The calendar must contain all currently planned meetings the team will have, any Botball tournaments they will be attending, documentation deadlines, and any known conflicts (1 point per item).	4
	The calendar must contain checkpoints for assessing progress of game goals and tasks	4
<b>Team Organization</b>	<b>The purpose of this section is help you think about how to organize your team</b>	
	This section will begin with the title "Team Organization", clearly separated from the text.	1
	This section includes an outline of the division of labor within the group. Tell how the group will be divided to facilitate the completion of goals and tasks.	3
	This section must include explain a demographic of your team in a graph of some sort (pie chart, bar graph, etc.). This could be how your team is divided up in terms of grades, ages, years in botball, race, or gender.	3
	This section includes a summary of how your team will handle conflict resolution when disagreements or problems arise.	3

<b>Game Goals and Tasks</b>	<b>This section is to help you become familiar with the Game and to help you create game strategies for your robots</b>	
	This section includes a sub-heading with the title of "Game Goals and Tasks", clearly separated from the text.	1
	This section outlines at least 2 tasks you intend to accomplish on the game board in the first 15 seconds of the game, one for each robot.	2
	For each of the tasks above, outline at least 2 subtasks needed accomplish each task.	4
	For each of the tasks listed, you should rate each task on how difficult you think it will be for your team on a scale of 1-4. (1-Easy, 2-Medium, 3-Hard, 4-Expert)	2
	This section includes how long you think it will take to build and program your robot to complete each task (we recommend no longer than 2 weeks).	4
	This section includes what you will do if a task is taking you too long to complete. Explain how you will <b>evaluate</b> whether or not you should complete the task, modify the goal of the task, or completely change what task you are attempting.	2

<b>Documentation Goals</b>	<b>This will help you with on-site presentations and help your team collect "team knowledge" that can be used by future team members</b>	
	This section includes a sub-heading with the title of "Documentation Goals", clearly separated from the text.	1
	Explain how your team will maintain continuous documentation of your design process throughout the season to record various iterations of your robot. Doing this will help with future documentation periods and your onsite presentation.	4
	Explain what your team will do to document what your team does throughout the season to pass knowledge onto your future teams or even to the Botball community as a whole.	4

<b>Social Media and Outreach</b>	<b>This section outlines how you will promote your team and the Botball program while designing and building robots prior to the tournament.</b>	
	This section includes a sub-heading titled "Social Media and Outreach," clearly separated from the text.	1
	Explain how your team will promote engineering, computer science, math, and Botball using social media or other means.	2
	Explain how your team will get others excited about Botball.	2

<b>Quiz</b>	<b>The quiz will help introduce you to rules and concepts in the 2024 Botball Game Review. The quiz may be taken multiple times and we will take the best score.</b>	40
-------------	--	----

Total \_\_\_\_ / 100