

Dickson Public Schools Botball Team					
Goals and Tasks For Botball 2019					
Game Goals and Tasks					Deadlines
1. Review the game rules and game documents					
	a. Watch preview games and video demonstrations on SmartBoard				1/15/2019
	b. Provide a copy of the Scoring Guide and Scoring Rules, Q & A				1/15/2019
2. Build the PVC and Game Board					
	a. Move all Botball equipment from the band room to our new location in the high school.				1/17/2019
	b. Build the base and PVC				1/18/2019
	c. Finish board by laying duct tape and position game pieces accordingly				1/22/2019
3. Discuss Strategy					
	a. Partner up and use a highlighter to select areas on the score sheet we need to discuss as a group				1/24/2019
	b. Vote on the game strategies that will be used for the 2019 season				1/24/2019
Robot Building Goals and Tasks					
1. Foundational Stage of building robots					
	a. Draw the idea of the Create robot with a specific strategy in mind.				1/28/2019
	b. Draw the idea of the Lego robot with a specific strategy in mind.				1/28/2019
2. Build the Lego Robot					
	a. Construct the Ground Claw				2/5/2019
	b. Construct Gaurd				2/7/2019
	c. Add line sensors				2/13/2019
3. Build the Create Robot (Roomba)					
	a. Construct Base				2/5/2019
	b. Construct Conveyor for Igus Chain				2/7/2019
	c. Construct Upper Level Claw				2/13/2019
Programming Goals and Tasks					
1. Run Test Programs					
	a. Program basic movements using the demobot built at the workshop				1/22/2019
	b. Program precison turns using the demobot built at the workshop				1/24/2019
	c. Program sensors using the demobot built at the workshop				1/29/2019
2. Complete Program for the Lego Robot					2/19/2019
	a. Write initial coding with the Lego Robot building team				2/5/2019
	b. Program the arm for the ground claw				2/7/2019
	c. Program the guard				2/13/2019
	d. Program line sensors				2/14/2019
	e. Run all programming for Lego robot with the engineers				2/19/2019
3. Complete Program for the Create Robot					2/19/2019
	a. Write initial coding with the Create Robot with building team				2/5/2019
	b. Program precision turns and stops				2/7/2019
	c. Program conveyor for Igus Chain				2/13/2019
	d. Program Upper Level Claw				2/14/2019
	e. Run all programming for Create Robot with the engineers				2/19/2019
Documentation Goals and Tasks					
1. First Period Documentation Complete					1/28/2019
	a. Team meeting to set the schedule for the season, assign duties, and discuss potential problems				1/22/2019
	b. Collect information from both the programmers and engineers and establish goals for the season				1/24/2019
2. Second Period Documentation Complete					2/20/2019

	a. Create an Account at www.github.com and begin a new project			2/14/2019
	b. Create a Private Repository, Save , and Submit to KIPR			2/19/2019
3. Third Period Documentation Complete				3/6/2019
	a. Document Lessons Learned that includes all necessary subheadings as found in Rubric			3/4/2019
	b. Ensure at least one commit has been made on Github and provide a link			3/5/2019
Schedule Conflicts				
	a. Academic Team Meet - Several members absent			1/22/2019
	b. Powerlifting Meet and Basketball Tournament - Several members absent			1/24/2019
	c. Adult Sponsor Out of Town for a training			2/12/2019
Team Organization				
Schedule of Meeting Times:				
Regional Workshop - January 12 - 13				
Regional Tournament - March 9				
Each meeting will run from 3:20 p.m.-5:00p.m. every Tuesday and Thursday.				
January Schedule - 15, 16, 17, 22, 23, 24, 29, 31				
February Schedule - 5, 7, 13, 14, 19, 21, 26, 28				
March Schedule - 4, 5, 6, 7				
Division of Labor				
Adult Team Leader - Angela Leu				
Student Team Leader - Jason Leu				
Robot Building Team for Create Robot - Chandler Love, Zane Boswell				
Robot Building Team for Lego Robot - Jason Leu, Hannah Fields				
Programmers for Create Robot - Jonathan Davoult, Talyn Conyer, Payton White				
Programmers for Lego Robot - Colton Sullivan, Levi Grado				
Conflict Resolution				
When there is a disagreement, we will...				
1. Take the issue to the Student Team Leader, Jason Leu. You will discuss it and come up with a plan.				
2. If Jason is unable to resolve the conflict, the Adult Team Leader will lead the discussion. The team will vote.				
Mrs. Leu will make the final decision, one that is most beneficial to the team.				