

Goals and Tasks for Botball 2019

(Plainview High School)
(19-0101)

I. GAME GOALS AND TASKS

A. Game Goals and Tasks

1. Reviewing Concepts of Botball - 1/17/19
 - a) Watched video presentation for 2019 games - 1/17/19
 - b) Discussed rules and point system - 1/17/19
 - c) Reviewed game board setup - 1/17/19
2. Brainstorming Concepts - 1/17/19
 - a) Worked on managing time for each task - 1/17/19
 - b) Decided our starting point with our robots - 1/17/19
 - c) Divided into groups - 1/17/19
3. Building game board - 1/17/19
 - a) Dr. Harris, Mr. McClendon, and team set up game board at school - 1/17/19 - 1/24/19
 - b) Dr. Harris and Jonathan retrieves and delivers game board supplies - 1/12/19

B. Robot Building Goals and Tasks

1. Designing sketch for both robots (Bot 1 & Bot 2) - 1/24/19
 - a) Complete plans for Bot 1 - 1/17/19
 - b) Complete plans for Bot 2 - 1/17/19
2. Completing construction for Bot 1 - 1/31/19
 - a) Built claw for Bot 1 - 1/24/19
 - b) Built claw of Bot 1 - 1/24/19
3. Completing construction of Bot 2 - 1/31/19
 - a) Built claw for Bot 1 - 1/24/19
 - b) Built claw of Bot 1 - 1/24/19

C. Programming Goals and Tasks

1. Completing test program for both robots (Bot 1 & Bot 2) - 1/31/19
 - a) Practiced program for claw 1 - 1/24/19
 - b) Practice program for claw 2 - 1/31/19
2. Finishing initial programming for Bot 1 - 2/5/19
 - a) Complete navigation program - 2/5/19
 - b) Complete claw program - 2/5/19
3. Finishing initial programming for Bot 2 - 2/5/19
 - a) Complete navigation program - 2/5/19
 - b) Complete claw program - 2/5/19

D. Documentation Goals and Tasks

1. Period 1 documentation completed - 1/28/19
 - a) Group meeting to discuss schedule and documentation requirements for Period 1 - 1/17/19

- b) Mikayla reviews completed documentation for Period 1 - 1/28/19
 - 2. Period 2 documentation complete - 2/20/19
 - a) Group meeting to discuss schedule and documentation requirements for Period 2 - 1/31/19
 - b) Mikayla reviews completed documentation for Period 2 - 2/20/19
 - 3. Period 3 documentation complete - 3/6/19
 - a) Group meeting to discuss schedule and documentation requirements for Period 3 - 2/28/19
 - b) Mikayla reviews completed documentation for Period 3 - 3/6/19
- E. Schedule Conflicts
 - 1. Band event
 - 2. Mid - Winter Break
 - 3. Parent / Teacher conferences

II. TEAM ORGANIZATION

- A. Schedule of Meeting Times
 - 1. Regional Workshop - 1/15/19
 - 2. Team meetings: Every Thursday and Tuesday from 3-5
 - a) January 15,17,22,24,28,31
 - b) February 4,7,11,14,18,21,25,28
 - c) March 5
 - 3. Regional Tournament - 3/6/19
- B. Divisions of Labor
 - 1. High School Team
 - a) President - Colton Peery
 - b) Documentation - Mikayla Bowman
 - c) Vice-President - Vincent Cavallo
 - d) Social Media Presenter - Anna Wang
 - e) Programmers
 - (1) Jillian Clark
 - (2) Vincent Cavallo
 - (3) Jennifer Wen
 - (4) Cooper Paty
 - f) Builders
 - (1) Anna Wang
 - (2) Colton Peery
 - (3) Mikayla Bowman
 - (4) Lindy Gou
 - 2. Adults
 - a) Mr. McClendon - Coach
 - b) Dr. Harris - Parent
 - c) Mr. Will - IT Consultant
 - 3. Conflict Resolution
 - a) Those who are arguing will calmly discuss the problem.

- b) If further resolution techniques are necessary, those in charge of the bots will discuss the problem and take a vote.
- c) If vote is a tie, Mr. McClendon will make the final deciding vote.