

Greater Chicago  
D.P. Miller's Robot Parade  
19-0067

## **Goals and Tasks for Botball 2019**

### **Game Goals and Tasks**

1. Review game rules and go over updated parts list 1/27/19
  - a. Share all botball/workshop documents between every team member
  - b. Go over changes from last year
2. Brainstorm strategies/possible robot designs 1/27/19
  - a. Have a whiteboard ready for listing strategies
  - b. Transfer all ideas to Google Docs
3. Build practice board 2/4/19
  - a. Assemble practice board
  - b. Prototype robot designs

### **Robot Building Goals and Tasks**

1. Establish specific tasks for each robot 1/27/19
  - a. Determine tasks for the robots based around our goals for this year's game
  - b. List tasks in terms of priority/largest point values
2. Prototype robot designs 2/4/19
  - a. Prototype Create robot/start building
  - b. Prototype LEGO robot/start building
3. Finish robots by 2/17/19
  - a. Have both robots completed
  - b. Photograph each finished robot
  - c. Make sure every team member knows how to repair the robots if need be

### **Programming Goals and Tasks**

1. Start writing/debugging test code 2/11/19
  - a. Experiment/become familiar with the camera and its functions
  - b. Review Create functions
2. Complete code for Create robot 2/25/19
  - a. Test Create code
  - b. Debug Create code
3. Complete code for LEGO robot 2/25/19
  - a. Test LEGO code
  - b. Debug LEGO code

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### **Documentation Goals and Tasks**

1. Determine documentation responsibilities 1/27/19
  - a. Divide documentation responsibilities
  - b. Mark due dates on calendar
2. 1st period documentation complete 2/5/19
  - a. Double check that we've met all guidelines
  - b. Submit the document
3. 2cd period documentation complete 2/27/19
  - a. Gather all information needed for this documentation
  - b. Double check that we've met all guidelines
  - c. Submit the document
4. 3rd period documentation complete 4/3/19
  - a. Discuss lessons learned
  - b. Set up computers for survey

### **Schedule Conflicts**

1. Concerts - Several team members are in band/chorus.
2. Vacations - Spring break occurs during the Botball season.
3. School trips - Several team members have school trips that could possibly interfere with our team schedule.
4. Etc.

## **Team Organization**

### **Schedule for the Botball Season**

January meeting dates: 27th

February meeting dates: 3rd, 4th, 10th, 11th, 17th, 18th, 24th, 25th

March meeting dates: 3rd, 4th, 10th, 11th, 17th, 18th, 24th, 25th, 31st

April meeting dates: 1st, 3rd

### **Division of Labor**

Adult team leader: Liz Whitewolf

Create (Batman) Team: Maddie, Kaycie, Gianna

LEGO (Robin) Team: Claire, Jennie, Emilie\*

Documentation Team: Everyone

\*Emilie is our student team leader

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**Conflict Resolution**

Our team has agreed to the following terms of conflict resolution:

1. The team members involved in the disagreement will attempt to work it out themselves.
2. If the team members cannot settle the issue, then the team leader will step in and attempt to resolve the problem.
3. If the student leader is not able to help, then the adult leader will try to solve the dilemma. If the adult leader is not able to solve the disagreement, then it will be brought up for team discussion.