

Team: Waltrip Rambotics

Team number: 1037

Goals and Tasks for Botball 2019	Deadline
Game goals and tasks	
1. Watch examples of previous games	1/25/19
a. Distribute links to videos to team members	1/20/19
b. Get team to take notes on videos, what went wrong/well?	1/24/19
2. Strategize	2/1/19
a. Review rules and objectives	1/26/19
b. Identify paths of Create and regular bot	1/28/19
c. Identify what tools bots will have on each end	1/29/19
3. Build game board	1/26/19
a. Cut PVC to length	1/24/19
b. Assemble skyscrapers	1/25/19
c. Assemble PVC	1/26/19
Robot building goals and tasks	
1. Prototype robot tools	2/8/19
a. Prototype tools for LEGO bot	2/7/19
b. Prototype tools for Create	2/8/19
2. Prototype Create driving base	2/10/19
a. Build driving base	2/8/19
b. Identify sensors needed	2/9/19
3. Prototype LEGO driving base	2/10/19
a. Build driving base	2/8/19
b. Identify sensors needed	2/9/19
Programming goals and tasks	
1. Enable bot-to-bot communications	2/9/19
a. Get library working	2/7/19
b. Brainstorm communications protocol	2/8/19
2. Plan out basic tasks	2/14/19
a. Break down plans into tasks	2/10/19
b. Pseudocode/plan out each task	2/12/19
3. Program basic tasks	2/22/19
a. Program all basic tasks	2/20/19
b. Assemble basic tasks into libraries	2/21/19
4. Complete all programming	2/25/19
a. Fuse basic tasks into full plan for Create	2/24/19
b. Fuse basic tasks into full plan for LEGO	2/24/19

Documentation goals and tasks	
1. First period documentation complete	2/6/19
a. Team meeting to clarify all dates	2/4/19
b. Write up full documentation	2/6/19
c. Avoid recursion	Too late
2. Second period documentation complete	2/25/19
a. Team meeting to write up all goals	2/23/19
b. Programming team submit dates and plan	2/24/19
c. Build team submit dates and plan	2/24/19
3. Third period documentation complete	3/10/19
a. Team meeting to clarify goals	3/5/19
b. Programming team submit plan	3/9/19
c. Build team submit plan	3/9/19

Schedule conflicts

1. Spring break	3/11/19 – 3/15/19
2. Early dismissal day- periods shortened	2/15/19
3. Holiday- school closed	4/19/19

Team organization

Meetings: Weekly, Thurs. 4-5:30

In class work: James & Joseph 2nd period, Christopher 5th period, Emmet 6th and 7th period.

Division of Labor

Adult Leader: Stephanie Witherspoon

Programming & Documentation team: Christopher

Build team: Joseph, James, Emmet

Conflict Resolution

1. Team members in disagreement will first attempt to reach a compromise amongst themselves
2. If they fail to do so, the entire team will then be involved
3. If a resolution cannot be found by the team, the issue will be brought to Spooky