

Period One – Project Plan

REGION: OKLAHOMA

Botball Bulldogs

0478

Goals and Tasks for Botball 2019

Game Goals and Tasks	Deadlines
1. Review the game rules,	
a. Preview and outline game rules document.	1/17/19
b. Create a plan for completing each online document submission.	1/17/19
2. Brainstorm Strategies	1/25/18
a. Discuss team members strengths and decide major roles	1/17/19
b. Preview the game table and discuss strategies for completing tasks.	1/17/19
3. Discuss Safety Precautions and Social Media	
a. Maintain clean clean working space and care of materials.	1/17/19
b. Bring awareness to the Community through multiple forms of social media.	1/17/19

Robot Building Goal and Tasks	
1. Design a basic plan for NYNX and AVOCADO	
a. Designate task for each robot	
b. Brainstorm modifications to complete.	
2. Complete Engineering and Construction of NYNX	
a. Construct basic body structure	
b. Construct extremities and attach	
3. Complete Engineering and Construction of AVOCADO	
a. Construct basic body structure	
b. Constructure extremities and attach	

Robot Programming Goal and Tasks	
1. Introduction to coding and c language	
a. Teach newcomers basic C language	
b. Practice and answer any questions	

2. Complete Program for NYNX	
a. NYNX programmers will start coding	
b. NYNX programmers will continue testing and improving code.	
3. Complete Program for AVOCADO	
a. Avocado programmers will start coding	
b. Avocado programmers will continue testing and improving code.	

Documentation Goals and Tasks	
1. First Period Documentation - Project Plan	
a. As a team develop a plan for completing tasks and document.	1/
b. Divide into teams (programming, building, and documentation) and begin setting goals to complete tasks.	
2. Second Period Documentation: Mechanical Code and Review	
a. Meet as a team and discuss progress made.	
b. Go over code and address any and all issues.	
3. Third Period Documentation - Lessons Learned and Survey	
a. Meet as a team and discuss progress.	
b. Discuss all that's been learned and how it affected us personally.	

Schedule Conflicts							
1. After school swim, tennis, and academic team practice until 4:00 or 4:30.							
2. Mrs. Clinton keeps library open until 3:45. She will not be at practice until then, but Mrs. McKenzie or Mrs. Lollis will facilitate.							
3. Saturday activities: sports events, church, family,							
Team Organization							
Team Meeting dates and times.							
Workshop in Norman: January 12th and 13, 2019							
BOTBALL Tournament: March 9, 2019							
January						Notes:	End of each month
7	8	9	10	11	12	Meeting dates are bold print and highlighted yellow.	
14	15	16	17	18	19		
21	22	23	24	25	26		

28	29	30	31																																																		
February <table> <tr><td></td><td></td><td></td><td></td><td>1</td><td>2</td></tr> <tr><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>10</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr> <tr><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr> <tr><td>25</td><td>26</td><td>27</td><td>28</td><td></td><td></td></tr> </table> March <table> <tr><td></td><td></td><td></td><td></td><td>21</td><td>2</td></tr> <tr><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr> <tr><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td></tr> </table>										1	2	4	5	6	7	8	10	11	12	13	14	15	16	18	19	20	21	22	23	25	26	27	28							21	2	4	5	6	7	8	9	12	13	14	15	16	17
				1	2																																																
4	5	6	7	8	10																																																
11	12	13	14	15	16																																																
18	19	20	21	22	23																																																
25	26	27	28																																																		
				21	2																																																
4	5	6	7	8	9																																																
12	13	14	15	16	17																																																
Weekdays: 3:00 – 6:00 p.m. Saturday: 9:00 a.m. – 12:00 p.m. Tournament: Saturday, March 9, 2019																																																					

Division of Labor
Each member will have a focus in either building, programming or documentation, but all members will know how to do each subject.
CODE: Mackenzie Nall, Patrick Osborne, Ulber Rameriz
BUILD TEAM: Jeremy Bankert, Kayla Huerta, Keith Thomure
DOCUMENTATION: Kolby Rivas, Mackenzie Nall, Yamilet Benitez