

Town and Country School - 0061

Period One – Project Plan

Goals and Tasks for Botball 2019

Game Goals and Tasks	Deadlines
<ul style="list-style-type: none">• Organize team membership<ul style="list-style-type: none">○ Recruit new members with applications○ Divide into two teams for efficiency• Plan practice board build<ul style="list-style-type: none">○ Get documents online and at workshop○ Figure out where all the pieces go○ Use a random generator for burning building placement• Plan Game Play<ul style="list-style-type: none">○ Review and plan point strategy○ Decide which robots need to complete which strategy	 10/12/2018 12/1/2018
Robot Building Goals and Tasks	Deadlines
<ul style="list-style-type: none">• Give each robot a different purpose<ul style="list-style-type: none">○ Program one robot to score larger points○ Program one robot to score smaller/easier points• Make sure robots are prepared<ul style="list-style-type: none">○ Use checklist to make sure all parts are legal○ Make sure batteries are fully charged and working• Build the robots<ul style="list-style-type: none">○ Make a starting plan○ Make a versatile robot	
Programming Goals and Tasks	Deadlines
<ul style="list-style-type: none">• Program the Junior Varsity robot<ul style="list-style-type: none">○ Have back-up programs○ Make sure it will start with light○ Make sure it runs consistently• Program the Varsity robot<ul style="list-style-type: none">○ Have back-up programs○ Make sure it will start with light○ Make sure it runs consistently• Practice the programs<ul style="list-style-type: none">○ Measure distance and speeds- use tics○ Trial and error○ Make it work	

Documentation Goals and Tasks

Deadlines

- Prepare Project Plan
 - Brainstorm
 - Varsity team write plan
 - Type plan and submit
- Prepare Mechanical and Code Review
 - Brainstorm
 - Varsity team write plan and videotape
 - Type plan and submit
- Prepare Lessons Learned and Survey
 - Brainstorm
 - Junior varsity types and submits
 - Complete survey as a team
- Prepare On-Site Presentation
 - Practice and be prepared
 - Make the display board
 - Be handsome and awesome

Schedule Conflicts

Deadlines

- Thanksgiving – no school
- Christmas Break – no school
- Martin Luther King Day – No school
- Valentine's Day

Team Organization

- Schedule of Meeting Times
 - Both Teams – Thursdays 3-5
 - 10/11, 10/18, 11/1, 11/8, 11/15, 11/29, 12/6, 12/13, 3/4, 3/7
 - Junior Varsity – Mondays 3-4
 - 1/7, 1/14, 1/28, 2/4, 2/11, 2/25
 - Varsity – Thursdays 3-5
 - 1/10, 1/17, 1/24, 1/31, 2/7, 2/21, 2/28, 3/1
- Division of Labor

Programming	Building
Matthew	Michael
Luis	Anthony
Kyle	Braeden
Jack	Karsten
Timmy	James
Grant	
- Conflict Resolution
 - Break into two teams to reduce chaos
 - Lots of snacks and drinks to keep everyone happy
 - Take a deep breath
 - Remember why we are all here and that we are all one team