Alcott Middle School 19-0072

Period One – Project Plan

Goals and Tasks for Botball 2019 ***Game Goals and Tasks Deadlines***	deadline
1. Review the game rules movie and game documents	1/8/19
a. Have projector and screen ready to show movie	1/8/19
b. Copy game rules and distribute to team member for review	1/8/19
2. Brainstorm Strategies	1/22/19
a. Discuss game strategies and record them on dry erase board	1/22/19
b. Team captain will lead discussion on options and club will vote on the game strategies to use for the season	1/24/19
3. Build Practice Board	1/17/19
a. Team will help team assemble game board in the classroom	1/24/19

Robot Building Goals and Tasks Deadlines	
1. Prototype the Create and LEGO Robots	2/4/19
a. Complete a labeled drawing of the concept for the Create robot based on the chosen strategy	1/31/19
b. Complete a labeled drawing of the concept for the LEGO robot based on the chosen strategy	1/31/19
2. Complete Construction of Create Robot	2/12/19
3. Complete Construction of LEGO Robot	2/12/19
a. Complete construction of chassis	2/3/19

Programming Goals and Tasks Deadlines	
1. Run Test Programs	2/12/19
a. Program basic movements using the workshop demobot	1/27/19
b. Program precision turns using the workshop demobot	1/15/19

c. Program each sensor using the workshop demobot	1/15/19
2. Complete Program for Create Robot	2/28/19
a. Write pseudocode with building team for Create robot	2/17/19
b. Test all programming for Create robot with build team	2/28/19
3. Complete Program for LEGO Robot	2/28/19
a. Write pseudocode with building team for LEGO robot	2/17/19
b. Test all programming for LEGO robot with build team	2/28/19

1. First Period Documentation Complete	1/28/19
a. Class meeting to set the overall schedule, assign tasks and decide on conflict resolution	1/8/19
b. Gather info from building and programming teams to establish goals and tasks for the season	2/3/19
2. Second Period Documentation Complete	2/19/19
a. Gather data from build team for assignment	2/12/19
b. Gather data from programming team for assignment	2/17/19
3. Third Period Documentation Complete	3/5/19
a. Set up computer for everyone to take survey	3/3/19
b. Gather info from team members for lessons learned	2/28/19

Schedule of Meeting Times:
Regional workshop – January - 12th and 13th
Regional tournament – March 9th
Each meeting will run from 3:45 pm – 5:15 pm

Schedule for January – 13th, 15th, 17th, 20th, 22nd, 24th, 27th, 29th, 31st
Schedule for February – 3rd, 5th, 7th, 10th, 12th, 19th, 21st, 24th, 26th, 28th

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Schedule for March – 3rd, 5th, 7th

Division of Labor:
Adult Team Leader: Eric Andexler
Robot Building Team for Create robot: Ezekiel Miller, Xerxes Reza
Robot Building Team for Lego robot: John Valair, Dayvon Bostic
Programmers for Create robot: Everett Moore, Mia Martin
Programmers for Lego robot: Charles Brockus, Charlotte Gentry
Documentation Team: Charles Brockus, Mia Martin, Everett Moore
Team conflict resolution counsel: Mia Martin, Everett Moore, Ezekiel Miller

Conflict Resolution:
The team has agreed that if disagreements occur we will handle them in the following way:
1. Team members who are in disagreement will first attempt to work out the disagreement together. Team members agree to allow everyone to express their opinions and thoughts one at a time and attempt to reach resolution.

2. If a resolution is still not reached (or the disagreement involves the student team leader), it will be brought to the team counsel. The team counsel will either decide how to resolve the conflict or will bring it to a vote. The team counsels' decision or the team vote will be brought to the attention of Mr. Andexler.

3. If resolution cannot be reached, the team members will bring their problem to Mr. Andexler, the team leader.

Schedule conflicts

Feb. 14: School has Valentine's parties after 8th hour, Botball won't have a meeting.

Feb 26: Some students may miss due to a special practice for the Pre-Contest Band Concert.

March 7: Some students may miss due to a Musical Rehearsal at the PAC

This documentation is adapted from the example provided on KIPR.org.