

***This is an example of a period 1 project plan that would score less than 100%.
This example would score 84 out of 100 points.***

KIPR Botball Team

Period One – Project Plan

Goals and Tasks for Botball 2016

1) ***Game Goals and Tasks***

- a) Review the game rules movie and game documents, 1/13/16
 - i) Have projector and screen ready to show movie, 1/13/16
 - ii) Copy game rules and distribute to team members for review, 1/13/16
- b) Brainstorm Strategies, 1/17/16
 - i) Discuss game strategies and record them on dry erase board, 1/15/16
 - ii) Team captain will lead discussion on options and club will vote on the game strategies to use for the season, 1/17/16
- c) Build Practice Board, 1/24/16
 - i) Build team will assemble list of supplies for teacher to purchase at Home Depot, 1/20/16
 - ii) Team leader and parent volunteers will help assemble the game board in the classroom, 1/24/16

2)

- a) Prototype the Create and LEGO Robots, 1/31/16
 - i) Complete a labeled drawing of the concept for the Create robot based on the chosen strategy, 1/31/16
 - ii) Complete a labeled drawing of the concept for the LEGO robot based on the chosen strategy, 1/31/16
- b) Complete Construction of Create Robot, 2/12/16
 - i) Construct upper level hook mechanism, 2/3/16
 - ii) Construct collection bin, 2/5/16
 - iii) Construct dumping mechanism, 2/10/16
- c) Complete Construction of LEGO Robot, 2/12/16
 - i) Complete construction of chassis, 2/3/16
 - ii) Construct scooping mechanism, 2/7/16
 - iii) Add line sensor, 2/12/16

3) ***Programming Goals and Tasks***

- a) Run Test Programs, 1/31/16
 - i) Program basic movements using the workshop demobot, 1/27/16
 - ii) Program precision turns using the workshop demobot, 1/27/16
 - iii) Program each sensor using the workshop demobot, 1/29/16
- b) Complete Program for Create Robot, 2/28/16
 - i) Write pseudocode with building team for Create robot, 2/17/16
 - ii) Program upper level hook mechanism, 2/26/16

Commented [MC1]: This document is missing some of the required header information. Minus 2 points (rubric item #3).

Commented [MC2]: The sub heading "Robot Building Goals and Tasks" is missing from this section. Minus 1 point (rubric item #10).

This is an example of a period 1 project plan that would score less than 100%. This example would score 84 out of 100 points.

- iii) Program collection bin movement, 2/19/16
- iv) Program dumping mechanism, 2/21/16
- v) Test all programming for Create robot with build team, 2/28/16
- c) Complete Program of LEGO Robot, 2/28/16
 - i) Write pseudocode with building team for LEGO robot, 2/17/16
 - ii) Program precision turns, 2/19/16
 - iii) Program scooping movement, 2/24/16
 - iv) Program line sensor, 2/26/16
 - v) Test all programming for LEGO robot with build team, 2/28/16

4) Documentation Goals and Tasks

- a) First Period Documentation Complete, 1/22/16
 - i) Class meeting to set up overall schedule, assign tasks and decide on conflict resolution, 1/15/16
 - ii) Gather info from building and programming teams to establish goals and tasks for the season, 1/20/16
- b) Second Period Documentation Complete, 2/19/16
 - i) Gather data from build team for assignment, 2/12/16
 - ii) Gather data from programming team for assignment, 2/16/16
- c) Third Period Documentation Complete, 3/5/16
 - i) Set up computer for everyone to take survey, 3/3/16
 - ii) Gather info from team members for lessons learned, 2/28/16

5) Schedule Conflicts

- a) Basketball Tournament – several team members absent, 1/17/16
- b) Assembly – people in the band will be late to meeting, 2/16/16
- c) |

Commented [MC3]: The Schedule of Conflicts section only includes 2 events. Minus 7 points (rubric item #26).

Team Organization

Schedule of Meeting Times:

WORKSHOP – January 9th and 10th

January

Mon	Tues	Wed	Thur	Fri
4	5	6	7	8
11	12	13	14	15
18	19	20	21	22
25	26	27	28	29


February

Mon	Tues	Wed	Thur	Fri
1	2	3	4	5
8	9	10	11	12
15	16	17	18	19
22	23	24	25	26
29				

***This is an example of a period 1 project plan that would score less than 100%.
This example would score 84 out of 100 points.***

March

Mon	Tues	Wed	Thur	Fri
	1	2	3	4
7	8	9	10	11
14	15	16	17	18
21	22	23	24	25
28	29	30	31	

 Indicates team meeting day

TOURNAMENT – March 5th

Commented [MC4]: This document is completely missing the Division of Labor section. Minus 6 points (rubric item #29).

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 resolution cannot be reached, the team members will bring their problem to Han Solo, the student team leader.
3. If a resolution is still not reached (or the disagreement involves the student team leader), it will be brought to Obi-Wan (only he can help), the adult team leader. Obi-Wan will either decide how to resolve the conflict or will bring it to the team for discussion and a team vote. Obi-Wan's decision or the team vote will be final.