

Checkpoint #1 - Vision and Budget

THIS IS A GROUP DOCUMENT. GROUP LEADERS SHARE THEIR COPY WITH THE GROUP AND ALL MEMBERS CONTRIBUTE TO THE DOCUMENT! You need to fill it out entirely and follow the instructions provided.

Overview

Team Roles Breakdown

Car Team

Marketing Team

Combined Tasks

Check-points	DQ: How can we innovate vehicle design solutions to win a race?	Points	Bonus
Vision (2/27)	1. Address the driving question in generating ideas	20	
	2. Understand how the design for the vehicle and marketing team work together (Set key roles that understand they need to co-exist)	5	
Gravity Car teams register-get forms from Byrne	3. Feasibility study (evidence of research that defines your problem and unique solutions)	20	
	4. Secure mentors (vehicle and marketing team)	30	
	5. Present a blueprint of the vehicle (rough draft)	50	
	6. Present a timeline of marketing strategies (do this on the same day that the building crew presents their rough draft)	20	
Total points: 145 [Marketing: 20, Car: 50, Combined: 75]			
Budget (2/27)	Show evidence of cost analysis based on blueprint of vehicle	20	
	Show evidence of marketing costs	10	
	Create a preliminary budget AND Reconfigure initial blueprint to meet budget	20	
	Present a plan for fundraising	20	
	Present vehicle blueprint and marketing plan to mentor (This should be a formal process; we want to keep a tight relationship with mentors throughout the project)	20	
Total points: 90 [Marketing: 30, Car: 30, Combined: 60]			

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Vision - Due February 27th, 2019

1. How do your ideas address the driving question, “**How can we innovate vehicle design solutions to win a race?**” Record your ideas below.
2. How will your team members need to work together to best accomplish your goals? Record your team members’ names and their roles in the table below.

Team Member	Role(s)

Describe the ways in which team members will need to work with each other to accomplish your goals.

3. Conduct research to determine the feasibility of your initial vehicle design. Provide evidence of your research in the table below.

Group member	Title of Source	Website or source (Author, Publisher, & Date)	Objective Summary of Source <ul style="list-style-type: none">- Design element- Major details that support design element- Author’s credibility	What questions does this source not answer with regard to your design concept?

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What changes will you make to your design based on the research recorded above?

4. Who will mentor you during this project? Record this information in the table below.

Mentor's Name	Area of Specialty	Contact Info	Approved?

To get your mentor approved by Mrs. Cheek &/or Coach Payne, share your mentor information in this [spreadsheet](#). Make sure you complete this [mentor contract](#) with them to document your new partnership's goals and tasks.

5. Provide evidence of a blueprint of your vehicle (rough draft) below.

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6. Provide a timeline of your marketing strategies below.

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Budget - Due February 27, 2019

1. Provide evidence of **cost analysis** based on your vehicle blueprint below
2. Provide evidence of **marketing costs below** (ex. Link to Spreadsheet).
3. Based on your list of required materials, provide evidence of a **preliminary budget** (ex. Link to Spreadsheet) **What changes have you made to your design based on your preliminary budget?** (Use [Budget Spreadsheet](#)). Paste the link to your spreadsheet below. **MAKE SURE YOU MAKE THE SHARING SETTINGS SO THAT ANYONE WITH THE LINK CAN VIEW IT.**
4. **What is your plan for financial support (if needed)?**
5. Present blueprint and marketing plan to mentor (This should be a formal process; we want to keep a tight relationship with mentors throughout the project). **Record the feedback you received from your mentor below.**

CONGRATULATIONS! YOU HAVE COMPLETED CHECKPOINT #1!