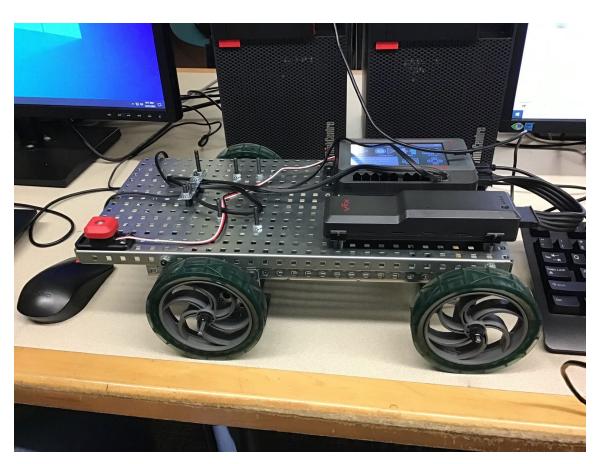
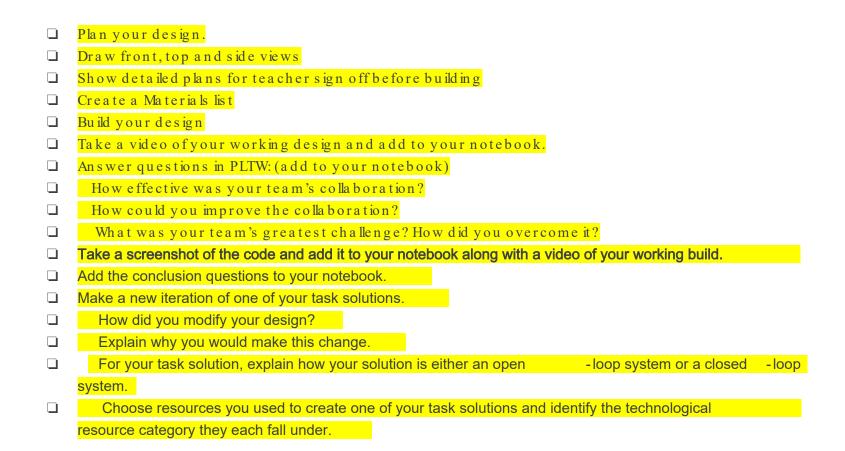
Assignment #6 Drag Race Car



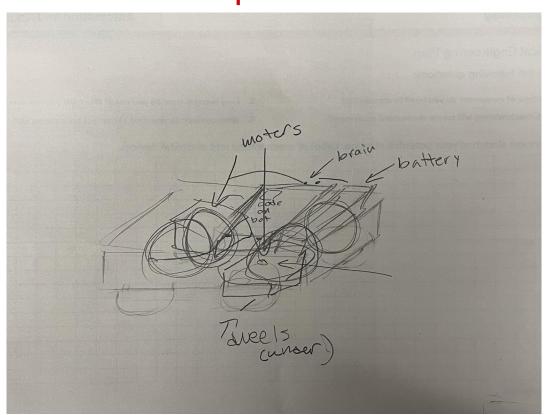
Project Requirements



Design Plan

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| Team Member | s: | | |
| Sloune, | Ella, Sidoli | | |
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| travel possible button. Robot cannot | 20 feet, Regulations | require all robots include The robot should The robot travel as fast should stop | The wiring optimizes as |

Concept Sketch



Design Challenge Questions

How effective was your team's collaboration?

Our team was able to work together to overcome challenges and make our design a working object.

How could you improve the collaboration?

We could not divide up as much and try to work together as a team on everything.

What was your team's greatest challenge? How did you overcome it?

Our greatest challenge was having our gear not be able to be engaged. We overcame this by surrendering the idea of using gears and just using two motors to move our car.

Task Solution Questions

How did you modify your design?

We had to make our wheels lower to the ground.

Explain why you would make this change.

We made this change because we could accompany for the two motors on the front wheels.

Make a new iteration of one of your task solutions.

We used a bump switch to start our code.

For your task solution, explain how your solution is either an open-loop system or a closed-loop system.

Our code is a closed loop system because the output, making the wheels go, is dependent on the input, the act of pressing the bump switch to start the code.

Task Solution Questions (continued)

Choose resources you used to create one of your task solutions and identify the technological resource category they each fallunder.

At first we used photos of cars to try and make our wheels move, but that didn't work so we had to put a motor on each front wheel.

Video of Drag Race Car

