

THE **VOLT**

"The old bad is the new good!"

Our Group

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Our Product

Our "car" is really a truck based off of a Ford Raptor and a Jeep Grand Cherokee combination. The body is the Ford Raptor, and we have roll bars from the Jeep Grand Cherokee.

Our Design

Our truck is a Ford Raptor. We chose to do a Raptor because our surveys said to do a truck and also because the Raptor is in a sleek shape and cool design. Our car also has roll bars to add to the design.

Gear Ratio

Our gear ratio is 27:1. Why such a big ratio? We chose this ratio after trying 5:1, 7:1, and 30:1 because it best suits our truck as a all wheel drive. Our car was able to make it all the way on the 30 degree slope.

Materials

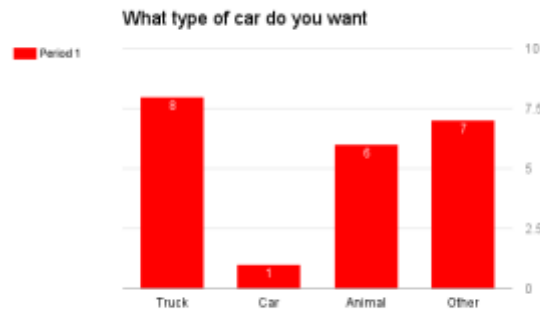
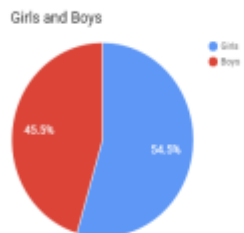
The materials that we used were; The kit, KG cardboard, Acrylic paint, Spray paint, Rubber bands, Jigsaw Brushes, Ruler, Markers

Green Component

Our green component is we are using spray and acrylic paint that is made out of recycled materials. We also used KG cardboard, and duct tape for the roof. It also adds a cool look.

Marketing

In our surveys, we interviewed 22 kids in total, 10 boys and 12 girls. Our data is below. Two things that were really surprising was that most of the girls chose a truck to be the body and red to be the color. We did not ask the question of "do you want it to go fast or up the hill" since it was mandatory for us to go up hill.



How we came up with the idea

We came up with this idea by looking at our surveys and looking for the most aerodynamic truck, which we found in the ford raptor and a jeep grand cherokee 4 by 4

Thank You!

Thank you Ms.Cottone and the Honeywell helpers for all your support and your help with our car. Also, Thanks to all mom's and dad's of our team.