Zitlalli Diego

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PLTW Engineering

Mr. Bennett

Air Racer Reflection

The process of engineering is intense. With the help of my partner Brenda Costilla, we managed to pull through the process of building a car-like structure, controlled through an air pump. We started with a vitamin water bottle which was able to hold enough air pressure to shoot out as far as the hallway. The air then started seeping out, along with some inside condensation. After a tedious moment of trying to fix it, we decided to use a Fiji water bottle. It turned out to be a success due to the well-balanced structure and the sealed cap. With this bottle, it went as far as 7-15 feet. Even though the first bottle went farther, it took forever to pump air through it. In conclusion, if I were to make another air racer, I’d make some small arrangements, such as sealing the cap well, which was the flaw of the first bottle.