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Physic 1010

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MOUSETRAP CAR PROJECT

1. What challenges did you face in completing the assignment? How did you address them?

Constructing the mousetrap car was a new activity for me. I heard before but this was my first time participating in the building of one I had no idea were to star from. In oder to have an idea of what we were gonna work on i had to look for videos of how to built one. When we meet to built up our car I still was confuse. The first struggle that we present was that we did not had all the materials ready as well that our wheels were to small. Also Tonia sliced her finger try to cut the the wood which happen before we realize the wheels were to small. In oder to accomplish the model we had to become creative and use the limited sources we used Sean cd's as wheels. Instead of building a four wheel a friend suggested to use a three wheel since we were running out of materials to built up the original model. At the end we found the way hot to make it function or that what we think we did.

2. What does this demonstrate about your learning?

This project help me realize about the factors that were need to be take in notice such as friction and the force put in by the spring of the mousetrap. In order to decrease friction and help increase the motion on the car the drill holds need to be made big enough to provide space to drag the force from the spring. Also how heavy the materials are which is why we use soft wood. Also we had to take in consideration the friction from the floor.

3. How does the assignments illustrate the growth/change/progression you have had in this class?

This assignment help us realize the uses and factors that affect out every day life. As when we were planning to built up our car we had to decide which type of material we were gonna need and try to found what were the best options to have success. As well we had to consider the factor such as the friction resistant. Before we surely believe that that we would not realize what is the major force generator from the spring of the trap which is crucial in order to obtain better results. Also realizing that a mechanism such as leaving a hook to hold the strain used to generate the power to the wheel. Physics help us realize why and how things functions and that everything need to to be in certain order to have the desire results.