This was a really fun exercise. It was interesting to learn about crumple zones and then take that information to build our car. We decided that we wanted to use a piece of an egg-carton to protect and put the egg in. Then we knew we had to stabilize the holder so we used popsicle sticks. We made what looks like a box from the sticks but then filled it in with cotton balls. For the front of the car we put cotton balls to resemble a crumple zone, putting sticks in between to stabilize them. We thought we were ready to test it out so we did but then our egg popped out of the holder, luckily it didn’t break. At first we had a rubber band holding down the top of the holder and when that did not work we tried Velcro. With the Velcro holding the top down after going down the ramp the egg fell out again but it still was not broken. Finally we got advice to build a fence like structure. Luckily the fence of sticks worked and the egg stayed put.

Even though this activity turned out to be more stressful than I first thought; it was really fun as it was hands on. I think it would be a good activity to do with 5th graders, this activity calls for a lot of freedom and you have to be able to trust that the kids can handle that freedom. Also I think that 5th graders would be more interested into the concepts of cars. The objectives and standards that go along with this activity most correlate with 5th grade too. I think it would be fun to turn it into a competition for the students, either whoever’s goes the fastest, slowest, or whose weighs the least. There are a lot of topics that a teacher could cover with this activity such as force and energy.

