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### Egg-Swing Write Up

My team built a vehicle that had a wall of nails attached to a wooded block on the front. This was taped to the plastic container that held foam and the egg. The foam was cut up bed foam that would absorb the impact. The cushioning of the egg would help to prevent cracking of the shell. The nails on the front of the vehicle would attempt to pierce the other teams design and crack the egg. The added mass that secured the nails to the vehicle in the form of a 2 by 4 would help in momentum overcoming the other teams vehicle and ejecting their egg as a result. However, our design could change. If we were to add some more mass to the vehicle, we could increase the momentum that it had, causing more damage to our opponent's egg. Overall, I think that our design was constructed very well.

