

## OM NOM NOM ENGINEERING Jon Rudy

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I learned that when two offensive vehicles collide, both eggs get destroyed. When two defensive vehicles collide, both eggs survive. If an offensive vehicle collides with a defensive vehicle, either both eggs survive or the vehicle with the greater mass maintains its egg. Shaving cream is a less than ideal building material, as is pudding. For a defensive vehicle, the best padding and cushioning are sponges, memory foam, and great stuff, but it is also important to have a sturdy base container, such as a bucket or a soup can. Offensive vehicles work best when they have more mass and a solid construction, as well as a secure egg. Nails do little more than stick into the other teams vehicle. The most effective vehicles were more defensive than offensive, because while they had no real way of knocking out the other egg, they were very good at maintaining control of their own. If we did this project again, I would make our vehicle heavier and larger so it didn't get pushed around so easily.