

Force and Motion

Feb. 4, 2020

Day 4/96

At the end of today's lesson you will be able to determine;

- How do forces affect motion?

Classwork-

- Force and Motion 4.1
- In the Science Seminar sequence that makes up this chapter, students are introduced to a new problem: A film student needs advice on the physics involved in successfully filming a collision scene on a miniature movie set. Students apply their knowledge of force, mass, and velocity change to make an argument about the difference between the film student's unsuccessful attempt to recreate the collision and the movie version that inspired her.
- Students analyze evidence to draw conclusions about how either the friction of the surface or the mass of the model cars might have made the difference between success and failure.
- Students sort the evidence they are given according to the claim it best supports.
- The purpose of this lesson is to introduce students to the context of the Science Seminar and acquaint them with the evidence they will use to support one of two possible claims.

Homework-

- Finish up all of the activities in the Force and Motion section 4.1
- Bring in your Snow-Tubing Trip Form and Money.