

FORCE AND MOTION

NEXT GENERATION SCIENCE STANDARDS

Feb. 8, 2019

Day 1/101

At the end of today's lesson you will;

- 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.

Homework-

- Review the claims and evidence from today's lesson.

