

# *Force and Motion*

Jan. 29, 2020

Day 4/92



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

- How do forces affect motion?

## **Classwork-**

- Force and Motion 3.1
- In the last chapter, students concluded that the more-massive-than-usual pod only slowed down after its thrusters fired, rather than stopping, so it collided with the space station. Now students are faced with a new task: determine the speed of the pod after the collision.
- To begin learning about how forces in a collision affect the velocity of objects, they read an article about collisions in everyday life.
- The purpose of this lesson is for students to continue to develop their Active Reading skills while beginning to construct the idea that forces in a collision are of equal strength but in opposite directions.

## **Homework-**

- Finish up all of the activities in the Force and Motion section 3.1
- Bring in your Snow-Tubing Trip Form and Money.