

# *Force and Motion*

Jan. 31, 2020

Day 2/94



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

- How do forces affect motion?

## **Classwork-**

- Force and Motion 3.3
- Review the Calculating Motion handout with the ANSWERS sheet.
- Students spend more time investigating the effects of collision forces.
- They begin by using the Sim to look at the changes in velocity that objects experience as a result of a collision. Students then revisit "Crash!" to gather evidence about why the same strength force could cause different velocity changes for the objects in a collision.
- The purpose of this lesson is to support students' reasoning about the characteristics of forces in a collision and the effects of these forces on the velocity of each object involved in a collision.

## **Homework-**

- Finish up all of the activities in the Force and Motion section 3.2
- Bring in your Snow-Tubing Trip Form and Money.