

Impulse Momentum Activity

Research one safety device that utilizes the impulse momentum theorem to bring an object safely to a stop. Create a Keynote presentation about the device.

Some Options:

- safety helmet for sport of your choice (ex: baseball, football, bicycling, hockey),
- airbags,
- crumple zone,
- bungee jumping cord,
- circus trapeze safety net,
- padding that protects players (choose a sport)

Include the following:

- when it was invented,
- why it was invented,
- who would use it,
- when it would be used,
- what people used before this was invented (how it changed our world),
- how it has changed through the years,
- what it is made of,
- and how its use relates to the impulse momentum theorem.

This will count as a lab grade for the 4th marking period. It is in individual activity although you may talk with your friends while you are working. Everyone is expected to have a UNIQUE presentation. Next class you will be responsible for presenting.