

FORCE AND MOTION ENGINEERING INTERNSHIP

Feb. 14, 2020

Day 4/104



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

- How do forces affect motion?

Classwork-

- **Period 1** - FMEI Day #3
- Interns are introduced to The Design Cycle and iterative testing through a brief video that explains the process: Plan, Build, Test, Analyze. Interns then continue their research on how to protect objects that fall by reading in the Dossier and carefully refining their designs of the Egg Drop Model.
- A group discussion helps interns make connections between previous science content and new science concepts.
- Each step prepares interns for the Design phase of the internship, when interns will use the Futura SupplyDrop Design Tool to digitally plan and test their supply pods. The purpose of these activities is to help interns articulate how impact force affects their designs, and how to minimize it.

Homework-

- Finish up your Day#3 "After-Hours" work.
- Bring in your Snow-Tubing Trip Form and Money. **DUE BY WEDNESDAY FEB19th.**