

# SCIENCE

DAY 1/105

FEB. 21, 2018



**AT THE END OF TODAY'S LESSON YOU WILL:**

UNDERSTANDING ABOUT CAUSE-AND-EFFECT RELATIONSHIPS FROM ONE SITUATION TO MAKE PREDICTIONS IN OTHER, SIMILAR SITUATIONS.

## **CLASSWORK-**

- **FORCE AND MOTION 4.1**
- 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.

## **HOMEWORK-**

- COMPLETE YOUR EVIDENCE CARD ANNOTATIONS.
- COMPLETE THE 4.2 WARM-UP