

# SCIENCE

**FEB. 14, 2018**

**DAY 2/102**



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

SUPPORT THEIR 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.

## **CLASSWORK-**

- **FORCE AND MOTION 3.3**
- 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.
- GET STARTED ON BOTH CALCULATING MOTION, AND GRAPHING MOTION SHEETS.

## **HOMEWORK-**

- CONTINUE TO WORK ON BOTH CALCULATING MOTION, AND GRAPHING MOTION SHEETS. THESE ARE DUE FRIDAY.