

SCIENCE

FEB. 1, 2018

DAY 2/94



AT THE END OF TODAY'S LESSON YOU WILL:

USE WHAT THEY HAVE LEARNED ABOUT VELOCITY AND FORCE STRENGTH TO HELP THEM EXPLAIN WHAT COULD HAVE HAPPENED TO THE POD DURING THE MISSING SECONDS.

CLASSWORK-

- **FORCE AND MOTION 1.6**
- TODAY, STUDENTS REVISIT THE CLAIMS FROM LESSON 1.2 AND EXPLAIN HOW STRONGER OR WEAKER FORCES EXERTED BY THE ACM POD'S THRUSTERS COULD HAVE RESULTED IN THE POD CHANGING DIRECTIONS IN THOSE SECONDS WHEN THE SPACE AGENCY LOST COMMUNICATION.
- IN THE WARM-UP ACTIVITY AND DISCUSSION, STUDENTS EVALUATE THE CLAIMS TO EXPLAIN HOW DIFFERENT-STRENGTH THRUSTER FORCES COULD HAVE CAUSED THE POD TO REVERSE DIRECTION OR TO SLOW DOWN (BUT NOT STOP) AND COLLIDE WITH THE SPACE STATION, OR TO REVERSE DIRECTION AND MOVE AWAY FROM THE SPACE STATION.
- THEN, THEY CREATE VISUAL REPRESENTATIONS OF THESE CLAIMS USING THE MODELING TOOL AND WRITE AN EXPLANATION OF THEIR FINDINGS TO DR. GONZALES.

HOMEWORK-

- COMPLETE AND SUBMIT THE SECTION FM 1.6 SELF-ASSESSMENT FOR HOMEWORK.