

SCIENCE

JAN. 25, 2018

DAY 1/89



AT THE END OF TODAY'S LESSON YOU WILL:

ENGAGE IN ACTIVATION OF PRIOR KNOWLEDGE ABOUT OBJECTS IN MOTION AND TO PREPARE THEM TO LEARN ABOUT THE RELATIONSHIP BETWEEN FORCE AND CHANGES IN VELOCITY.

CLASSWORK/HOMEWORK-

PERIOD 1 - EVOLUTIONARY HISTORY NOTEBOOK CHECK. **FORCE AND MOTION 1.1** TODAY, STUDENTS COMPLETE A PRE-UNIT ASSESSMENT CONSISTING OF 14 MULTIPLE-CHOICE QUESTIONS AND 2 WRITTEN-RESPONSE QUESTIONS. THE PRE-UNIT ASSESSMENT IS DIAGNOSTIC AND DESIGNED TO REVEAL STUDENTS' UNDERSTANDING OF THE UNIT'S CORE CONTENT PRIOR TO INSTRUCTION. . **HW** -COMPLETE THE FORCE AND MOTION PRE-TEST. STUDY THE FORCE AND MOTION VOCABULARY ON QUIZLET.

PERIOD 2 - COURSE SELECTION CLASS MEETING WITH NHS PRINCIPAL DR MCGEE. **HW**-COMPLETE THE **FORCE AND MOTION** (SECTION 1.1) PRE-TEST. STUDY THE FORCE AND MOTION VOCABULARY ON QUIZLET.

PERIODS 4,5,7 - EVOLUTIONARY HISTORY NOTEBOOK CHECK. FORCE AND MOTION 1.2 TODAY, STUDENTS ARE INTRODUCED TO THEIR ROLE AS STUDENT PHYSICISTS WORKING WITH THE UNIVERSAL SPACE AGENCY (USA) TO DETERMINE WHAT HAPPENED TO AN ASTEROID SAMPLE-COLLECTING POD THAT WENT AWRY. THE SPACE AGENCY LOST CONTACT WITH THE POD FOR A FEW SECONDS, AND RATHER THAN STOPPING AND DOCKING AT THE SPACE STATION AS PLANNED, THE POD MOVED IN THE OPPOSITE DIRECTION. **HW** -STUDY THE FORCE AND MOTION VOCABULARY ON QUIZLET.