

SCIENCE

JAN. 29, 2018

DAY 3/91



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-

FORCE AND MOTION 1.3 TODAY, STUDENTS WILL BE GENERATING IDEAS ABOUT WHAT VARIOUS ARROWS AND LINES MIGHT MEAN IN SCIENTIFIC DIAGRAMS THAT REPRESENT HOW OBJECTS MOVE.

THIS PREPARES THEM FOR ENCOUNTERING THE VISUAL REPRESENTATIONS IN THE FORCE AND MOTION SIMULATION (SIM).

AFTER BECOMING FAMILIAR WITH THE SIM, STUDENTS EXPLORE HOW THEY CAN USE THIS DIGITAL TOOL TO MAKE AN OBJECT'S VELOCITY CHANGE IN DIFFERENT WAYS. THEN, STUDENTS USE THE SIM TO GATHER EVIDENCE ABOUT HOW FORCES CAUSE SPECIFIC VELOCITY CHANGES.

HOMEWORK-

COMPLETE AND SUBMIT THE SECTION FM 1.3 HOMEWORK.