

9th Grade  
8-24-2021 and Beyond

- 8-24-2021 Introduction, Syllabus distribution, Due Dates for Science Fair, Start Mini Science Fair Project: Proving Motion
- 8-25-2021 Work on Mini Science Fair Project
- 8-26-2021 Work on Mini Science Fair Project
- 8-27-2021 Work on Mini Science Fair Project which is due at the end of the hour
- 8-30-2021 Distribute Motion, Forces, and Energy Packets  
Do Describing and Measuring Motion Note taking together  
Converting Units  
Do: Understanding Main Ideas and Building Vocabulary
- 8-31-2021 BW: Exploring Reference Points  
Prepare Inclined to Roll Lab
- 9-1-2021 Finish Lab
- 9-2-2021 Converting Units for Speed  
HW: Read and take notes on Slow Motion Planet Earth  
Topic of Interest due
- 9-3-2021 Turn in notes  
BW: Understanding Main Ideas and Building Vocabulary  
Do: Slow Motion Collisions  
HW: Read and take notes on Acceleration
- 9-7-2021 Turn in notes from homework  
BW: Understanding Main Ideas and Building Vocabulary  
Do: Exploring Changing Directions  
HW: Math Skills: Calculating Speed, Plate Movement, and Calculating Acceleration
- 9-8-2021 BW: Graph Acceleration  
Prepare for Stopping on a Dime Lab
- 9-9-2021 Stopping on a Dime Lab
- 9-10-2021 Finish Lab
- 9-13-2021 Review for Test

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- 9-14-2021     Motion Test  
HW: Read and Take notes on The Nature of Force
- 9-15-2021     BW: Understanding Main Ideas and Building Vocabulary  
Do: Net Force, Mass, Change in Motion  
Prepare for Sticky Sneakers Lab
- 9-17-2021     Sticky Sneakers Lab  
HW: Read and take notes on Friction and Gravity
- 9-20-2021     Finish Sneaker Lab  
HW: Read and take notes on Friction and Gravity
- 9-21-2021     Turn in notes from Friction and Gravity  
Do: Understanding Main Ideas and Building Vocabulary  
AD: Free Fall  
Do: The Great Pyramids  
HW: Read and take notes on Newton's First and Second Laws
- 9-22-2021     Turn in notes from Newton's First and Second Laws  
Do: Understanding Main Ideas and Building Vocabulary  
Do: Measuring Acceleration  
HW: Read and take notes on Newton's Third Law
- 9-23-2021     Turn in notes from Newton's Third Law  
Do: Understanding Main Ideas and Building Vocabulary  
Do: Life-Saving Barrier
- 9-24-2021     Forced to Accelerate Lab  
HW: Read and Take Notes on Rockets and Satellites
- 9-27-2021     Turn in notes from Rockets and Satellites  
Do: Math Skills Newton's Second Law of Motion, Weight and Mass, and Momentum  
Do: The Easy Way to Launch a Satellite
- 9-28-2021     Review for Test
- 9-29-2021     Test  
HW: Read and Take Notes on Pressure
- 9-30-2021     Turn in Pressure notes  
Do: Pressure UMI and BV  
Answer Feel the Pressure Questions after demonstration

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| 10-1-2021  | Foot Island   |
| 10-4-2021  | Finish Foot Island<br>HW: Read and Take Notes on Floating and Sinking   |
| 10-5-2021  | Turn in Floating and Sinking notes<br>BW: Floating and Sinking UMI and BV<br>HW: Read and Take notes on Pascal's Principle              |
| 10-6-2021  | Density Problems  |
| 10-7-2021  | Turn in Pascal's Principle notes<br>BW: Hydraulic Pressure questions<br>Do: Siphons<br>HW: Read and take notes on Bernoulli's Principle |
| 10-8-2021  | Turn in Bernoulli's Principle notes<br>BW: Bernoulli's Principle UMI and BV<br>Do: A Wing for All Circumstances<br>And Math Skills      |
| 10-11-2021 | Review for Test   |
| 10-12-2021 | Test  |