

Grade 9,10

Distance Learning Module 11: Week of: Monday June 15th - Thursday June 18th

Conceptual Physics *Modified from* [Unit 2: Conservation of Momentum and Energy](#)

Targeted Goals from Stage 1: Desired Results: Students will be doing a final check of course requirements and completing any work that is outstanding from the last several weeks of modules.

Content Knowledge: Each form of energy can be converted into other forms of energy or into work (e.g. kinetic to potential, mechanical to electrical).

While energy within a system is continually changing forms, and being transferred, the total energy of the system is conserved.

Kinetic energy increases with the square of the velocity

Vocabulary: potential energy, kinetic energy, momentum, total energy, $KE = 1/2mv^2$, $GPE = mgh$, velocity, acceleration, force

Skills: Calculating potential and kinetic energy for an object

Calculating acceleration, velocity, force, kinetic energy, and momentum of a car you are driving and then determining if you and your car were over the speed limit and deserving of the ticket given by the police.

Expectation:

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: Students will be completing final tasks from Module 10 including the PBA on Acceleration of a Car or other previous module tasks that are outstanding.	Module 10 Materials from last week Conceptual Physics posted Modules and materials from previous weeks and viewing the "View Your Work" tab Gradebook in Infinite Campus	Open up in Google classroom for this class the "View your work" tab in the Classwork stream and review/complete any missing work: Due tonight at midnight (End of June 15) (Final grades for this course will be posted/finalized June 17)

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
<p>Tuesday:</p> <p>Students will reflect on what worked and what didn't work for them during distance learning and then complete a Google Form survey on how this experience might be improved upon.</p>	<p>Distance Learning Survey</p>	<p>Submit Distance Learning Survey in Google Classroom</p>
<p>Wednesday:</p> <p>Final Grades will be Posted by the End of Today (6/17)</p>	<p>Final Grades will be Posted by the End of Today (6/17)</p>	<p>Final Grades will be Posted by the End of Today (6/17)</p>
<p>Thursday:</p> <p>LAST DAY OF SCHOOL</p>	<p>LAST DAY OF SCHOOL</p>	<p>LAST DAY OF SCHOOL</p>
<p>Friday:</p> <p>SUMMER BREAK BEGINS!</p>	<p>SUMMER BREAK BEGINS!</p>	<p>SUMMER BREAK BEGINS!</p>

Week criteria for success (attach student checklists or rubrics):

Supportive resources and tutorials for the week (plans for re-teaching):