



NASHVILLE SCHOOL VALLE DE ANGELES

II PARTIAL Presentation's Date: Wednesday, December 6th, 2017

PHYSICS 10th Grade Mr. Javier Hernández

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Student's Name: _____

1. Watch the following videos and answer:

<https://www.youtube.com/watch?v=gvoqENvHLE0>

<https://www.youtube.com/watch?v=T5WJoup-RD8>

<https://www.youtube.com/watch?v=Lh5HyI7b-KE>

- a) Explain and define the Work-Energy theorem
- b) Exemplify how the work-energy theorem works by drawing.
- c) Explain the relationship between the following concepts:
 1. Work and Energy
 2. Work and Force
 3. Force and Energy
 4. Gravity and Work
 5. Work and Kinetic Energy
 6. Kinetic and Potential Energy
- d) Explain the law of energy conservation.
- e) Define Potential Energy.