

## **Unit 5: Mechanical Energy**

- You should be spending at least **60 minutes** a day on Physics Curriculum.
- **Completing** the note taking guide is required and **printing** the guide is highly recommended.
- Seeking help if you are not passing your post assessments and/or practices is essential.
- If you are behind you **MUST** spend additional time on Physics to catch up and meet due dates!
- If you cannot meet a due date, extensions must be requested and approval received **in advance**.
- To keep on track Unit 5 should be completed by November 28.

### **Complete Unit 5 Pretest |**

#### **Unit 5 Vocabulary**

- Unit 5 Vocabulary is optional

#### **Energy Notes**

- Complete note taking guide

#### **Energy Notes - Post Assessment**

- take assessment after watching video notes and completing note taking guide
- must score a 80% or redo
- seek remediation if PA is not passed on 3<sup>rd</sup> attempt
- Pass by 11/13, end of class period

#### **Energy Concepts (KE & PE) Practice**

- will open up after scoring 80% on Energy Notes post assessment
- must score a 65% or redo
- Pass both by 11/14, end of day

#### **Energy Problems (KE & PE) Practice**

- will open up after scoring 80% on Energy Notes post assessment
- must score a 65% or redo
- Pass both by 11/25, end of day

#### **Finding YOUR Energy Lab**

- Lab should be completed in the classroom by 11/16
- Every student is responsible for collecting data so that you can calculate your OWN potential energy and your OWN kinetic energy. You may work with a partner to help gather your data; however, you may not share your data for this lab.
- Submit Lab Report by 11/18, 11:59 PM
- Refer to Scoring Rubric prior to submitting
- Lab corrections due 11/27, 11:59 PM

#### **Conservation of Energy Notes - Post Assessment**

- take assessment after watching video notes and completing note taking guide
- must score a 80% or redo
- seek remediation if PA is not passed on 3<sup>rd</sup> attempt
- Pass by 11/19, end of class period

#### **Conservation of Energy Concepts & Problems Practice**

- will open up after scoring 80% on Energy Notes post assessment
- must score a 65% or redo
- Pass both by 11/20, end of day

#### **PHET Skate Part-Conservation of Energy Simulation Lab**

- Use the PHET simulation *Skate Park* to gather data
- will open up after scoring 65% on Energy Concepts & Problems Practice
- Answer the follow up questions after completing the Simulation. Submit data, calculations and answers to the questions through Blackboard by 11/26 by 11:59 PM.
- Lab report is NOT required for this lab.

#### **Optional Crib Sheet for Unit 5 Test**

- When all practices are completed until a 74% or better is earned, you may use a “teacher guided” crib sheet.
- Pick up the crib sheet on 11/27 (or at least one day before the test).
- Completed crib sheet must be given to teacher 1 day prior to the test and returned after the test.

#### **Redo Practices for Review**

#### **Submit Unit 5 Warm Ups on November 28**

#### **Unit 5 Test**

- Test will open up after passing all Post Assessments and Practices and completing all Labs for this unit.
- Test should be taken by 11/28

#### **Retake Unit 5 Test**

- If you score below a 65% you must watch the video notes:
  - Seek remediation
  - Complete all post assessment and practices in the unit again
  - Retake the Unit 5 Test and pass with a 65% or higher
  - **COMPLETE the RETAKE as soon as possible to avoid falling behind in the next unit**