

Unit 6: Work and Power

- 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 6 should be completed by December 6.

Complete Unit 6 Pretest

Unit 6 Vocabulary

- Unit 6 Vocabulary is optional

Work Notes

- Complete note taking guide

Work 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 3rd attempt
- Pass by 11/26, end of class period

Work Concepts and Problems Practice

- will open up after scoring 80% on Work Notes post assessment
- must score a 74% or redo
- Pass both by 11/28, end of day

Mechanical Work Lab

- Lab should be completed in the classroom by 11/29
- You may work with a partner or small group to collect your data; however, each student is responsible for analyzing the data and answering questions. You should construct your answers as an individual, not as a group. Do NOT submit someone else's answers as your own work.
- Submit Lab Report by 11/29, 11:59 PM
- Refer to Scoring Rubric prior to submitting
- Lab corrections due 12/3, 11:59 PM

Power Notes

- Complete note taking guide

Power 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 3rd attempt
- Pass by 11/30, end of class period

Power Practice

- will open up after scoring 80% on Power Notes post assessment
- must score a 74% or redo
- Pass both by 12/3, end of day

Climbing Stairs Lab

- Lab should be completed in the classroom by 12/4
- Every student is responsible for collecting data so that you can calculate your OWN work and power. You may work with a partner to help gather your data; however, you may not share your data for this lab. Do NOT submit someone else's answers as your own work.
- Submit Lab Report by 12/4, 11:59 PM
- Refer to Scoring Rubric prior to submitting
- Lab corrections due 12/6, 11:59 PM

Optional Crib Sheet for Unit 6 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 12/5 (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 6 Warm Ups on December 6

Unit 6 Test

- Test will open up after passing all Post Assessments and Practices and completing all Labs for this unit.
- Test should be taken by 12/6

Retake Unit 6 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 6 Test and pass with a 65% or higher
 - **COMPLETE the RETAKE as soon as possible to avoid falling behind in the next unit**

Goals:

- I can use mathematics and computational thinking to determine the affect force and/or distance has on the amount of work done.
- I can use mathematics and computational thinking to show power changes as a result of changing work and/or time.
- I can carry out an investigation to determine one's power when climbing stairs.