

Chunk 11: Mechanical Waves (November 3 - 10)

SP4.a,b,c Obtain, evaluate, and communicate information about the properties and applications of waves.

Day 1

- Due today
 - Schoology: (a) Mechanical Waves Key Terms
 - preRead: (1) Read 1st paragraph of Mechanical Waves notes. Do the following: describe an experiment you could perform to determine the period and frequency of a pendulum.
- Return Magnetism 20Q, corrections, due Day 5
- Lab: Pendulum Inquiry
- Tales from The Teters Zone (CW)
 - Pendulum
- Homework:
 - Schoology: (b) Pendulums
 - preRead: (2) Read the 2nd paragraph of the Mechanical Waves notes. Label the transverse wave on your notes with the various parts listed in the notes.

Day 2

- Discuss online homework results and questions
- Tales from The Teters Zone (CW)
 - Wave Basics
- Lab: The Slinky (part 1)
- Homework:
 - Schoology: (c) Slinky Lab Part 1 results

Day 3

- Discuss online homework results and questions
- Lab: The Slinky (part 2)
- Tales from The Teters Zone (CW)
 - Slinky Lab results
- Practice
 - Mechanical Wave Problems (CW)
- Homework:
 - Schoology: (d) Mechanical Waves
Mechanical Waves 20Q Practice quiz #1
 - preRead: (3) Read the 7th paragraph of the Mechanical Waves notes. Answer this...what happens to the crest of a water wave when it runs into a wall?

| Chunk 11 Mechanical Waves | Name: | | |
|---------------------------------|------------|------------|--------------------------|
| | PreRead | Schoology | In class work (CW) |
| Day 1 | (1) /10 | (a) /20 | /25 |
| Day 2 | (2) /10 | (b) /5 | /25 |
| Day 3 | | (c) /5 | /25 |
| Day 4 | (3) /10 | (d) /5 | /25 |
| Day 5 | | | /25 |

Day 4

- Discuss online homework results and questions
- Tales from The Teters Zone (CW)
 - Longitudinal waves
 - Interference
- Practice
 - Mechanical Waves review sheet
 - Any other practice as needed
- Mechanical Waves 12Q Practice Quiz (Last 20 minutes)
- Homework:
 - Schoology: Mechanical Waves 20Q Practice quiz #2
 - Finish any EDpuzzle and Schoology
 - Study for Mechanical Waves 20q test

Day 5

- Magnetism 20Q corrections due
- Practice (CW)
 - Suggestions provided based on 12Q results
 - Any other practice as needed
- Turn in labs and outline (this sheet)
- Mechanical Waves 20Q test (Last 40 minutes)
- Homework:
 - Schoology: (a) Sound Waves Key Terms
 - TBD