

Chunk 11: Mechanical Waves (November 2-9)

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.
- Magnetism 20Q, group
- 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

- Tales from The Teters Zone (**CW**)
 - Wave Basics
- Lab: The Slinky (part 1)
- **Homework:**
 - Schoology: (c) Slinky Lab Part 1 results

Day 3

- Mechanical Waves Key Terms Quiz
- Lab: The Slinky (part 2)
- Tales from The Teters Zone (**CW**)
 - Slinky Lab results and questions
- 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) /10	/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

- 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 Schoology
 - Study for Mechanical Waves 20q test

Day 5

- 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
 - preRead: (1) Read article provided on Schoology: write 2 -3 sentences expressing your opinion of the topic.