

Bell Work

- Read p. 474 in your textbook.
- Complete “Applying Math.”

Chapter 15 section 2

Wave Properties

I can compare and contrast the different parts of a wave.

SPI 0707.11.5 Compare and contrast the different parts of a wave.

Agenda

- We will finish taking notes that we ran out of time for on Friday.
- You will read Chapter 15 section 2.
- You will complete the chapter review.
- I will check to make sure you have the rest of the note-taking sheet complete tomorrow. If you forgot today, you are in luck. You get one more day.

IV. Wave Speed

- Light travels in air at a speed of about 300 million m/s and sound about 340 m/s.
- Wave speed depends on the medium
 - Sound travels 340 m/s but 1500m/s in water.
 - Mechanical waves travel fastest in solids than gases.
 - Electromagnetic waves travel fastest in a vacuum (in space) where there is no matter at all. In matter, it travels faster in gases than solids.
- The speed of a wave also depends on the temperature of the medium.
 - Sound waves travel faster as temperature increase

Read and Complete Questions

- Read chapter 15 section 2.
- That's pages 459 – 463.
- Complete the following on a clean sheet of notebook paper that is not torn out of your binder: (Extra paper is next to turn-in tray.)
- Turn this in when you are finished.
 - P. 463 #1 - #7.
 - P. 476 #2, #3, #4, #5, #6, #7, #8, #9, #10, #14, #16, #17, #19