

# Physical Science 11-12

## Assignment Sheet Chapters 6, 7 & 8

### Chapter 6: Thermal Energy & Heat (pages 160-183)

- I. **Reading Assignment #1 Chapter 6 pg 160-185** **Due Wed 5/2**
- II. **Vocabulary** – Review the terms on **page 183** & be able to define **Due Wed 5/2**
- III. **Workbook Assignments:** **Due Wed 5/2**
  - a. Section 6-1 (pages 59-61)
  - b. Section 6-2 (pages 61-64)
  - c. Section 6-3 (pages 64-67)
  - d. Section 6-4 (pages 67-68)
  - e. Word Wise 6 (page 69)
- IV. **Worksheet Handouts** **Due Tues 5/1**
  - a. Heat Calculations pg 25

### Chapter 7: Characteristics of Waves (pages 194-219)

- I. **Reading Assignment #1 Chapter 7 pg 194-219** **Due Fri 5/4**
- II. **Vocabulary** – Review the terms on **page 217** & be able to define **Due Fri 5/4**
- III. **Workbook Assignments:** **Due Fri 5/4**
  - a. Section 7-1 (pg 71-73)
  - b. Section 7-2 (pg 73-76)
  - c. Section 7-3 (pg 76-79)
  - d. Section 7-4 (pg 80-82)
  - e. Word Wise (page 83)
  - f. Math Wise (page 84) **Due after Lecture**
- IV. **Discovery Videos** (username: mvcs\_science password: student) **Due Wed 5/9**
  - a. Elements of Physics: Waves: Sound and Electromagnetism
    - i. Pre-Test (pg 1), Use the Right Word (pg 2b), Word Match (pg 2c), Connected/Not Connected (pg 3), Crossword Puzzle (pg 4), Video Quiz (pg 6), Post Test 1-9 (pg 7)
  - b. Waves of Destruction
    - i. No worksheet – just watch the short clip on tsunamis
- V. **Worksheet Handouts** **Due Tues 5/15**
  - a. Wave Diagram pg 79
  - b. Wave Velocity Calculations pg 80
  - c. Structure of the Human Ear pg 91

### Chapter 8: Sound (pages 220-255)

- VI. **Reading Assignment #2 Chapter 8 pg 220-255** **Due Fri 5/18**
- VII. **Vocabulary** – Review the terms on **page 253** & be able to define **Due Fri 5/18**
- VIII. **Workbook Assignments:** **Due Fri 5/18**
  - a. Section 8-1 (pg 85-87)
  - b. Section 8-2 (pg 87-89)
  - c. Section 8-3 (pg 89-91)
  - d. Section 8-4 (pg 92-93)
  - e. Section 8-5 (pg 93-95)
  - f. Word Wise (page 96)
- IX. **Discovery Videos** **Due Tues 5/22**
  - a. Basics of Physics: Exploring Sound
    - i. Pre-Test (pg1), Program Quiz (pg 2), Vocabulary (pg 3), Post Test (pg 15),
- X. **Worksheet Handouts** **Due Tues 5/22**
  - a. Sound & Music Crossword pg 81
- XI. **Study Session** - **None planned** – we'll have to see how things go
- XII. **Exam – CHI & Greek & Latin 1-100** **Wed 5/23**
- XIII. **Exam - Chapters 7 & 8** **Thur 5/24**