

Name _____ Date _____ Period _____

Chapter 10 AGS Physical Science Self-Study Guide

Goal 10.1 To explain how sound is produced.

Date Assignment

_____ Read pages 271-273. Write vocabulary.

_____ Complete the Lesson 10:1 Review on page 274.

_____ Complete Workbook Activity 46: "What is Sound?"

_____ Video Guide: Bill Nye - Sound

_____ Lab Manual 37: Making Musical Sounds

_____ Video Worksheet 10: Was That a Whale I heard?

Goal 10.2 To describe intensity and volume of sound.

Date Assignment

_____ Read page 275-278. Write vocabulary.

_____ Complete the Lesson 10:2 Review on page 279.

_____ Complete Workbook Activity 47 : "Different Sounds"

Goal 10.3 To tell how sound travels.

Date Assignment

_____ Read page 280-285. Write vocabulary.

_____ Complete the Lesson 10:3 Review on page 286.

_____ Complete Workbook Activity 48 "How Sound Travels"

_____ Complete Investigation 10-1 on pages 287-288. Lab Manual 38 "Inferring How Sound Waves Travel"

Goal 10.4 To describe the nature of light

Date Assignment

_____ Read pages 289-292. Write Vocabulary.

_____ Complete the Lesson 10:4 Review on page 293.

_____ Complete the Workbook Activity 49 "What Is Light"

_____ Video Guide: Bill Nye - Light and Color

Goal 10.5 To explain reflection of light

Date Assignment

_____ Read page 294-297. Write vocabulary.

_____ Complete the Lesson 10:5 Review on page 298.

_____ Complete Workbook Activity 50. "How is Light Reflected?"

_____ Video Guide: Bill Nye - Optics

_____ Complete Investigation 10-2 on pages 299-300. Lab Manual 40 "Measuring Angles of Reflected Rays"

Goal 10.6 To explain refraction of light.

Date Assignment

_____ Read pages 301-303. Write vocabulary.

_____ Complete the Lesson 10:6 Review on page 304.

_____ Complete Workbook Activity 51. "Sound and Light: Terms Review"

_____ Read the Chapter 10 Summary on page 305.

_____ Complete the Chapter 10 Review on pages 306-307.

_____ Turn in vocabulary for Chapter 10 (28 words)

Above and Beyond Lab

Lab Manual 39: Making a Pinhole Camera