

Automotive Technology 7th Edition

Chapter 7 – Health and Environmental Concerns

Lesson Plan



CHAPTER SUMMARY:

1. Carbon-Based Fuels, Ozone, Ultraviolet Radiation Absorption, and Health Effects of Air Pollution
2. Acid Rain, and Carbon Footprint



OBJECTIVES:

1. Identify carbon-based fuels and greenhouse gases.
2. Explain how ozone affects our environment.
3. Explain how ultraviolet radiation affects our environment.
4. Describe the health effects of air pollution.
5. Describe the health effects of acid rain.
6. List the fact



RESOURCES: (All resources may be found at jameshalderman.com)

1. Task Sheet: Emission and Chemical Identification
2. Task Sheet: Emission Label Terms
- 3.. Chapter PowerPoint
4. Crossword Puzzle and Word Search
5. Videos: [\(A0\) Automotive Fundamentals Videos](#)
6. Animations: [\(A0\) Automotive Fundamentals Animations](#)



ACTIVITIES:

1. Task Sheet: Emission and Chemical Identification
2. Task Sheet: Emission Label Terms
3. Crossword Puzzle and Word Search



ASSIGNMENTS:

1. Chapter crossword and word search puzzles from the website.
2. Complete end of chapter quiz from the textbook.
3. Complete multiple choice and short answer quizzes downloaded from the website.



CLASS DISCUSSION:

1. Review and group discussion chapter [Frequently Asked Questions](#) and [Tech Tips](#) sections.
2. Review and group discussion of the five (5) chapter [Review Questions](#).



NOTES AND EVALUATION: