**Automotive Electricity and Electronics**

**Chapter 18 –** **Batteries**

**Lesson Plan**

**CHAPTER SUMMARY:**

1. Battery Construction, How a Battery Works, Specific Gravity, and Battery Construction Types

2. Causes and types of Battery Failure, Battery Ratings, and Battery Sizes

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**OBJECTIVES:**

1. Describe the construction of a battery.

2. Describe how a battery works.

3. Discuss how charge indicators work.

4. Discuss valve regulated batteries and the causes of battery failure.

5. List battery ratings and battery sizes.

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**RESOURCES:** [(All resources may be found at jameshalderman.com)](https://jameshalderman.com/)

1. Task Sheet: Battery Specifications

2. Chapter PowerPoint

3. [Crossword and Word Search Puzzles (A6)](https://jameshalderman.com/a6_puzzles_lib_page/)

4. [Videos: (A6) Electrical/Electronic Systems](https://jameshalderman.com/a6_vid_lib_page/)

5. [Animations: (A6) Electrical/Electronic Systems](https://jameshalderman.com/a6_anim_lib_page/)

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**ACTIVITIES:**

1. Task Sheet: Battery Specifications

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**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.

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**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.

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**NOTES AND EVALUATION:**

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