

# Chemistry

## Standard #5- Represent the model of an atom using a variety of methods

### Chapter 5: Electrons in Atoms

- Models of Atoms
- Electron arrangement
- Quantum model

### Journal Work

- Define the **vocabulary terms** from the chapter in your journal.
- Read each section and answer the **Section Assessment** and **Chapter Assessment** questions in the chapter (#1-81) odds in your journal. Self-check answers with key in the back of book.
- Answer the following questions in hand-written **paragraph** format in journal
  - Why did our understanding of the model of atom change so much between the 19<sup>th</sup> and 20<sup>th</sup> century?
  - Why can we not know both and speed and position of a subatomic electron at the same time?
- Read and Summarize a current article related to one of the major topics found in the chapter. Attach a copy of the article to your written summary in your journal.

Assessment	Teacher Initials	Score	Date
1. Show completed <b>journal</b> . <ul style="list-style-type: none"> <li>○ Vocabulary</li> <li>○ Questions</li> <li>○ Paragraphs</li> <li>○ Article Summary</li> </ul>			
2. Take and pass the <b>exam</b> .			
3. After passing the exam, do the <b>lab</b> work <b>Lab 5: Atomic Spectra (p.137)</b>			

You have completed Standard #5

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