**TEACHER: C. Austin**

**Chemistry Week of 30 October 2017**

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| **Chemistry** | **MONDAY** | **TUESDAY** | **WEDNESDAY** | **THURSDAY** | **FRIDAY** |
| ACCRS: | Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks; analyze the specific results based on explanation in the text. | Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks; analyze the specific results based on explanation in the text. | Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks; analyze the specific results based on explanation in the text. | Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks; analyze the specific results based on explanation in the text. | Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks; analyze the specific results based on explanation in the text. |
| Before: | Table Talk: What is the difference between Absorption Spectrum and Emission Spectrum | Table Talk: How do you organize electrons in atoms?POGIL Activity Electron Configurations | Table Talk:How do you organize electrons in atoms? | Table Talk: Describe differences between Electron Configurations and Orbital Diagrams. | 1. Continue yesterday’s Activity if necessary
2. Continue Science Fair Project Research
 |
| During: | Activity: 1. Identify the unknown element based upon Emission Spectrum (Quiz).
2. Sparkle Activity/

Observation1. Activity Electron Energy and Light

Discuss answers to Spectrum ActivityScienteer Program Entry | Activity: 1. The Aufbau House Story
2. Students working with a partner.
 | Activity: Hog Hilton1. Students working in groups of 2’s

Continue Science Fair Project Research1. Prep for Scienteer Data Entry
2. Continue Science Fair Project Research
3. Students Apply for Scienteer accounts and data entry
 | Activity: 1. Electron Configurations and Orbital Diagrams.
2. Students working in groups of 2’s.
 | Activity: 1. Electron Configurations and Orbital Diagrams.
2. Students working in groups of 2’s.

Enter Scienteer Data if time permits. |
| After: | Write a summary describing the Atomic Spectrum  | Describe the Aufbau Principal | Data Entry | Complete activity sheet and submit results. | Complete activity sheet and submit results |
| Desired Outcome: | Students correctly distinguish between Absorption and Emission Spectura | Students apply the Aufbau Principal to electron arrangement in atoms. | * Students correctly place electrons in energy levels according to rules given.
* Students correctly apply and enter science fair data into the Scienteer Program
 | Students will discover the differences between electron configuration and orbital diagrams. Correctly arrange electrons in each  | Students will discover the differences between electron configuration and orbital diagrams. Correctly arrange electrons in each |
| Formative/Summative Assessment | Check the accuracy of students subatomic particles timelinesCheck accuracy of spectrum descriptions | Assess the accuracy of activity sheets/handouts/activity problems | Asses data and calculationsAsses data through Scienteer Data Program | Assess the accuracy of students’ explanations of electron configuration and orbital diagrams. Access correct arrangements of electrons in each | Assess the accuracy of students’ explanations of electron configuration and orbital diagrams. Access correct arrangements of electrons in each  |
| Homework | Study lecture notes | Study lecture notes | Review Lab Notes | Review Lab Notes | Review Lab Notes |