**TEACHER: C. Austin**

**Chemistry Week of 13 November 2017**

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| **Chemistry** | **MONDAY** | **TUESDAY** | **WEDNESDAY** | **THURSDAY** | **FRIDAY** |
| ACCRS: | TEACHER WORK DAY | 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: POGIL Activity Electron Configurations | Table Talk:  How do you organize electrons in atoms? | Substitute Teacher Plan | Substitute Teacher Plan |
| During: |  | Activity:   1. The Aufbau House Story 2. Students working with a partner. | Activity: Hog Hilton   1. Students working in groups of 2’s   Continue Science Fair Project Research   1. Prep for Scienteer Data Entry 2. Continue Science Fair Project Research | Students will complete the electron configuration and orbital diagram sheets | Students will complete the electron configuration and orbital diagram sheets |
| After: |  | Describe the Aufbau Principal | Data Entry | Complete activity sheet and submit results. | Complete activity sheet and submit results |
| Desired Outcome: |  | 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 |  | Assess the accuracy of activity sheets/handouts/activity problems | Asses data and calculations  Asses 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 | Review Activity Notes | Review Activity Notes | Review Activity Notes |