

## Periodic Trends and Electron Configuration Unit

March 30 - April 14, 2020

Chiles High School Chemistry

1. Review the document “Instructions for Completing and Uploading Assignments.”
2. Watch Video: “A Tour of the Periodic Table (9:28) - This video is a great review of the periodic table from earlier in the year. This information is important moving forward into the new unit!  
<https://www.youtube.com/watch?v=fLSfgNxoVGk>
3. Powerpoint: Periodic Trends Notes
4. Assignment 1 Periodic Table Trends Labeling Worksheet
5. Assignment 2 Periodic Trends Worksheet
6. Powerpoint: Periodic Table and Electron Configurations
7. Watch Video: “Writing Electron Configurations Using Only the Periodic Table” (4:51) <https://www.youtube.com/watch?v=ououF9nHUhk>
8. Watch Video: “Electron Configuration” (15:00)  
<https://www.youtube.com/watch?v=jbxQWye9yD4>
9. Assignment 3 Electron Configuration & the Periodic Table Activity
10. Assignment 4 Electron Configuration Worksheet 5-6
11. Powerpoint: Orbital Notations Notes
12. Watch Video: Orbital Diagrams (7:28)  
<https://www.youtube.com/watch?v=rFErf7esP0w>
13. Assignment 5 Orbital Notations Worksheet
14. Assignment 6 Electron Configuration, Orbital Notation, and Valence Electrons Review Worksheet

\*If you have questions, email your teacher!!