

Chemistry 1 2017-2018
 Dr. Casagrande (Office 186P)
 Room 186, Period 1 & 3
 Period 1 Lab Thursday Periods 1-2
 Period 3 Lab Friday Periods 2-3

Syllabus #15-16 December 11 – December 22, 2017
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Monday, December 11, 2017

• **Quiz Chapter 5: Waves, Wavelength, Frequency & Energy**

- Begin Ch. 5.3: Ground-State Electron Configuration Rules
- **Homework #5-5:** Read Ch. 5.3 pp. 135-137; Finish Electron Configuration WS 1 & Aufbau WS

Tuesday, December 12, 2017 (Per. 3 in 190)

- **Atomic Emission Spectra & The Bohr Atom Due**
- Periodic Table Blocks and Element Mapping; Noble Gas Configuration
- **Homework #5-6:** Read Ch. 5.3 pg. 138 (skip “Exceptions”); Finish Element Mapping & Electron Configuration WS II.

Wednesday, December 13, 2017

• **Quiz Chapter 5.3: Electron Configurations**

- Ch. 5.3: Valence Electrons & Electron Dot Diagrams
- **Homework #5-7:** Read Ch. 5.3 pp. 140-141; Finish Valence Electrons & Dot Diagrams WS.

Thursday, December 14, 2017

All	<ul style="list-style-type: none"> • Color Lab Due (All) • Chapter 5 Review Guide/Chapter 5 MC Review • Homework #5-8: Chapter 5 Review
Per. 1	<ul style="list-style-type: none"> • Minilab: Color Video & WS (Due Tues. 12/19)

Friday, December 15, 2017

All	<ul style="list-style-type: none"> • Review Chapter 5 • Homework: Study for Chapter 5 Test
Per. 3	<ul style="list-style-type: none"> • Minilab: Color Video & WS (Due Tues. 12/19)

Monday, December 18, 2017

• **Test Chapter 5: Electrons in Atoms**

Tuesday, December 19, 2017 (Per. 3 in 190)

- **Color Video WS Due**
- Ch. 6.3: Begin Periodic Trends of the Elements: Effective Nuclear Charge & Atomic Radius
- **Homework #6-1:** Read Ch. 6.3 pp 163-164; Finish Effective Nuclear Charge/Atomic Radius WKS

Wednesday, December 20, 2017

- Ch. 6.3: Continue Periodic Trends of the Elements: Ion Formation & Ionic Radius
- **Homework #6-2:** Read Ch. 6.3 pp 164-166; Finish Ion Formation I WS; Read/Highlight lab & identify as many elements as possible from given clues.

Thursday, December 21, 2017

- **Lab (ALL):** The Elements and Electronic Structure *Day 1* (Due Wednesday, Jan. 3, 2018)

Friday, December 22, 2017

- **Lab (ALL):** The Elements and Electronic Structure *Day 2* (Due Wednesday, Jan. 3, 2018)

Looking Ahead: Winter vacation is next Monday, December 25, 2017 through Monday, January 1, 2018. The Ch. 6-7 Quest on The Periodic Table and The Elements is scheduled for Friday, January 5, 2018.