

Chemistry II AP 2020-2021
Dr. Casagrande (Office 186P)
Room 186, Period 8

Syllabus #14 Dec. 7 – Dec. 11, 2020
LCasagrande@westfieldnj12.org
www.doccasagrande.net

Use Meet link from Google Classroom *except* for PM “Lab” Periods use Meet link “casagrande”
Office Hours are MT 1:30 PM-2:00 PM and RF 2:00 PM-2:30 PM at Meet link “casagrande”
To schedule a private 15-minute after-school conference go to <https://bit.ly/3gchhCZ>

Monday, Dec. 7, 2020

Class does not meet

Tuesday, Dec. 8, 2020 (2:00-2:30 “Lab”)

- Ch. 10.1: Molecular Geometry
- **HW #10-1:** Molecular Geometry WKS (Due 7 am 12/9)

Wednesday, Dec. 9, 2020 2:00-2:40 (All Remote 1-8)

- Ch. 10.2-10.3: Dipole Moments; Valence Bond Theory
- **HW #10-2:** Dipole Moments & VBT WKS (Due 7 am 12/10)
*Also, if you have never learned hybridization before (or want a refresher), it is HIGHLY recommended that you watch these two videos on carbon hybridizing (also embedded in the eClassroom):
 - Organic Chemistry 1.2 The Shape of Carbon: https://youtu.be/TOEjaZ_v2Hk
 - Organic Chemistry 1.3 Carbon Bonding: <https://youtu.be/Gi9XnWT-x7c>
(Both are part of the Bonding – AP Chem playlist on my YouTube Channel:
<https://www.youtube.com/playlist?list=PLzy4QGtywlo-33xaB8TDQ17vD8pV2a0pQ>

Thursday, Dec. 10, 2020 11:30-12:40 (All Remote 5-8)

- Ch. 10.4, 10.5 & 10.8: Hybridization (skip *spd* orbitals pp. 410-412); Delocalized Molecular Orbitals
- **HW #10-3:** Hybridization WS (Due 7 am 12/11)

Friday, Dec. 11, 2020 11:30-12:40 (All Remote 5-8)

- **Lab:** Geometric Structures (Due 7 am 12/14)

Looking ahead: Chapter 9-10 review will be assigned Monday, Dec. 14 and due Tuesday, Dec. 15; the Chapter 9-10 Test will be Thursday, Dec. 17.