

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 #29-30 March 26 – April 13, 2018  
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 Mrs. Rinaldi: Lrinaldi@westfieldnj12.org

**Monday, March 26, 2018**

- Finish Ch. 14.1: Gay-Lussac's Law; Begin Ch. 14.2: Combined Gas Law
- **Homework #14-2:** Read Ch. 14.1-14.2 pp. 426-430; Finish Gay-Lussac's Law & Combined Gas Law WS

**Tuesday, March 27, 2018 (Per. 3 in 190)**

- Boyle's Law Lab Due (Per. 1)
- **Quiz Ch. 14.1: Boyle's Law & Charles's Law**

- Finish Ch. 14.2: Avogadro's Principle
- Intro Ideal Gas Law Lab
- **Homework:** Read/Highlight Lab

**Wednesday, March 28, 2018**

- Boyle's Law Lab Due (Per. 3)
- **Lab (All):** Ideal Gas Constant (Due April 11)
- **Homework #14-3:** Read Ch. 14.2 pp. 430-433; Finish Avogadro's Principle WS

**Thursday, March 29, 2018**

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| All       | • <b>Demos:</b> Dry Ice!   |
| Per 1 Lab | • Period 1: <i>The Mystery of Matter: Search for the Elements: Out of Thin Air</i> Video |

**Friday, March 30, 2018**

- **No School: Start of Spring Break. Off Friday March 30 – Sunday April 8.**

**Monday, April 9, 2018**

- Ch. 14.3: Ideal Gas Law
- Intro Ideal Gas Constant Lab
- **Homework #14-4:** Read Ch. 14.3 pp. 434-439; Finish Ideal Gas Law WS

**Tuesday, April 10, 2018 (Per. 3 in 190)**

- Ch. 14.3: Properties of Real Gases
- **Homework #14-5:** Re-read pp. 435-436, "Real versus ideal gases;" Finish Real Gases WS

**Wednesday, April 11, 2018**

- **Ideal Gas Constant Lab Due (All)**
- Ch. 14.4: Gas Stoichiometry
- **Homework #14-6:** Read Ch. 14.4 pp 440-443; Finish Gas Stoichiometry WS

**Thursday, April 12, 2018**

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| All       | <ul style="list-style-type: none"> <li>• Ch. 13.1 &amp; 14 Review Sheet</li> <li>• <b>Homework #14-7:</b> Finish Review Sheet</li> </ul> |
| Per 1 Lab | • <b>Article:</b> Gas Laws & Scuba Diving  |

**Friday, April 13, 2018**

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| All       | <ul style="list-style-type: none"> <li>• Review Ch. 13.1 &amp; 14: Gases</li> <li>• <b>Homework:</b> Study for Ch. 13.1 &amp; 14 Gases Test</li> </ul> |
| Per 3 Lab | • <b>Article:</b> Gas Laws & Scuba Diving  |

Looking Ahead: The Ch. 13.1 & 14 Test on Gases is scheduled for Monday, April 16. PARCC Testing begins next week. Check the calendar online for our class schedules.