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| **8/19 ALL****Rules, expectations, syllabus, lab fees** | **8/20 ALL****What is chemistry? Demos****Scientific method** | **8/21 A** **Scientific method. How to write a lab report. Case study/wksht.** | **8/22 B****Scientific method. How to write a lab report. Case study/wksht.** | **8/23 A****Measurement: sig.figs; sci. notation****(current event due)** |
| **8/26 B****Measurement: sig.figs; sci. notation** | **8/27 A****Sig. figs; sci.notation; SI units** | **8/28 B****HW: take notes on Uncertainty in measurement pkg.** | **8/29 A****Density lab; Pre-and post-1982 pennies** | **8/30 B****Density lab; Pre-and post-1982 pennies****(current event due)** |
| **9/2 ☺****Legal Holiday** | **9/3 A****Discuss penny lab****Quiz/test**  | **9/4 B** | **9/5 ☺****Teacher Planning Day** | **9/6 A****(RM out). Read about chem. & phys. Props. Wksht** |
| **9/9 B****Go over phys/chem props. Ppt: building blocks of matter** | **9/10 A****Bldg. blocks of matter****Ppt. Heating iodine demo.** | **9/11 B****Ppt. on atomic theory****Wksht. on mass# and atomic mass** | **9/12 A****Ppt. on atomic theory****Wksht. on atomic # and mass #** | **9/13 B****Atomic # and Atomic mass – Rutherford & Thomson** **(current event due)** |
| **9/16 A****PSAT** | **9/17 B****Conservation of mass lab.**  | **9/18 A****Conservation of mass lab** | **9/19 B****(RM out – review sheet- letter to Rutherford or Thomson)** | **9/20 A****(RM out – review sheet- letter to Rutherford or Thomson)** |
| **9/23 B****Ppt . light and (electron configuration)** | **9/24 A****Ppt. light and electron configuration.** | **9/25 B** **Ppt. light and electron configuration** **(spectral tube demo)** | **9/26 A****Early Release****(RM out –reading on radioactivity)** | **9/27 B****(RM out – reading on radioactivity)** |
| **9/30 A****Ppt. light and electron configuration.** **(spectral tube demo)** | **10/1 B****Discuss radioactivity** | **10/2 A****Radioactivity** | **10/3 B****Flame test lab** | **10/4 A****Flame test (current event due) lab** |
| **10/7 B****Review and lab discussion** | **10/8 A****Review & lab discussion** | **10/9 B****Test** | **10/10 A****Test** | **10/11 B****Periodic table organization. Graph.** **(current event due)** |
| **10/14 A****Periodic table organization****Graph of periodic trends** | **10/15 B****Discuss trends in the periodic table****Start alien periodic table** | **10/16 A****Discuss trends in the periodic table****Start alien periodic table** | **10/17 B****Review trends** | **10/18 A****Review trends** |
| **10/21 B****Test on periodic trends** | **10/22 A****Test on periodic trends** | **10/23 B****Ppt. on ionic bonding with wksht** | **10/24 A****Ppt. on ionic bonding with wksht.** **End of Grading Period** | **10/25 ☺****Teacher Planning Day** |

**1st Nine Weeks**

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| **10/28 B****Beginning of Grading Period. Covalent bonding w. wksht** | **10/29 A****Covalent bonding w. wksht** | **10/30 B****Bonding lab** | **10/31 A****Bonding lab** | **11/1 B****Discuss lab****VSEPR theory****(current event due)** |
| **11/4 A****Discuss lab. VSEPR theory (ppt)** | **11/5 B****VSEPR lab** | **11/6 A****VSEPR lab** | **11/7 B****Discuss lab****Intermolecular bonding** | **11/8 ☺****Teacher Planning Day** |
| **11/11 ☺****Legal Holiday** | **11/12 A****Discuss lab – intermolecular bonding** | **11/13 B****Review for bonding test** | **11/14 A****Review for bonding test** | **11/15 B****Test on bonding** |
| **11/18 A****Test on bonding** | **11/19 B****Naming compounds ppt.** | **11/20 A****Naming Compounds ppt.** | **11/21 B****Ternary ionic compounds****Covalent compounds** | **11/22 A** **(Current event due)****Ternary ionic compounds****Covalent compounds** |
| **11/25 B****Naming compounds and activity** | **11/26 A****Naming compounds activity** | **11/27 B****Review activity** | **11/28 ☺****Legal Holiday** | **11/29 ☺****Recess Day** |
| **12/2 A****Test on Naming Compounds** | **12/3 B****Test** | **12/4 A****Mole concept ppt** | **12/5 B****Mole Concept ppt.**  | **12/6 A****Percent composition; empirical & molecular formulas (Current event due)** |
| **12/9 B****Percent composition; empirical & molecular formulas** | **12/10 A****Percent composition****(The strange case of mole airlines)** | **12/11 B****Percent composition****(The strange case of mole airlines)** | **12/12 A****Early Release****Discuss hydrates -reveiw** | **12/13 B****Hydrates lab****(Current events due)** |
| **12/16 A****Hydrates lab** | **12/17 B****Discuss hydrates lab****Review for test** | **12/18 A****Discuss hydrates lab****Review for test** | **12/19 B****Test** | **12/20 A****Test** |
| **1/6 B****Chemical reaction ppts.**  | **1/7 A****Chemical reaction ppt.**  | **1/8 B****Classifying reactions with demos** | **1/9 A****Classifying reactions with demos** | **1/10 B****Balancing equations****(Current event due)** |
| **1/13 A****Balancing equations** | **1/14 B****Word equations** | **1/15 A****Word equations** | **1/16 B****End of Grading Period** | **1/17 ☺****Teacher Planning Day** |

**2nd Nine Weeks**

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| **1/20 ☺****Legal Holiday** | **1/21 A****Beginning of Grading Period** | **1/22 B****Chemical reactions lab** | **1/23 A****Chemical reactions lab** | **1/24 B****Discuss lab****Net ionic equations****Review****(Current event due)** |
| **1/27 A****Discuss lab; Net ionic equations; Review** | **1/28 B****Review** | **1/29 A****Review** | **1/30 B****Test** | **1/31 A****Test** |
| **2/3 B****Stoichiometry** | **2/4 A****Stoichiometry** | **2/5 B****Lab on Naming Ionic Compounds** | **2/6 A****Lab on Naming Compounds** | **2/7 ☺****Teacher Planning Day** |
| **2/10 B****Discuss lab and stoichiometry** | **2/11 A****Discuss lab and stoichiometry** | **2/12 B****Company Project Activity** | **2/13 A****Early Release****Company Project Activity** | **2/14 B****Limiting and excess reagents****(current event due)** |
| **2/17 ☺****Legal Holiday** | **2/18 A****Limiting and excess reagents** | **2/19 B****Percent yield & stoichiometry** | **2/20 A****Percent yield and stoichiometry** | **2/21 B****Percent yield lab** |
| **2/24 A****Percent yield lab** | **2/25 B****Finish lab; discuss****Review** | **2/26 A****Finish lab; discuss review** | **2/27 B****Review** | **2/28 A****Review** **(Current event due)** |
| **3/3 B****Review** | **3/4 A****Test stoichiometry** | **3/5 B****Test stoichiometry** | **3/6 A****Kinetic theory** | **3/7 B****Kinetic theory****(Current event due)** |
| **3/10 A****Gas Laws****(ppt/wksht)** | **3/11 B****Gas Laws****(Ppt./wksht)** | **3/12 A****Ideal Gas Law****(Ppt/wksht)** | **3/13 B****Ideal gas law** **Early Release** | **3/14 A****Graham’s Law (wksht)(Current event due)** |
| **3/17 B****Graham’s Law with wksht.**  | **3/18 A****Review** | **3/19 B****Review** | **3/20 A****Review****End of Grading Period** | **3/21 ☺****Teacher Planning Day** |

**3rd Nine Weeks**

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| **3/31 B****Beginning of Grading Period****Test on Gas Laws**  | **4/1 A****Test on Gas Laws**  | **4/2 B****Solubility and molarity** | **4/3 A****Solubility & molarity** | **4/4 B****Hard water lab (AP)****(from AP manual)****(Current event due)** |
| **4/7 A****Hard water lab** | **4/8 B****Discuss lab** | **4/9 A****Discuss lab** | **4/10 B****Thermochemistry** | **4/11 A****Thermochemistry (Current event due)** |
| **4/14 B****Change of States lab** | **4/15 A****(RM absent- wksht on solubility and molarity)** | **4/16 B****(RM absent- wksht on solubility and molarity)** | **4/17 A****Change of States Lab****Early Release** | **4/18 ☺****Teacher Planning Day** |
| **4/21 B****(RM absent)**  | **4/22 A****(RM absent)** | **4/23 B****Reaction rates with demo** | **4/24 A****Reaction rates with demo** | **4/25 B****Acids and Bases****(Current event due)** |
| **4/28 A****Acids & bases (ppt)** | **4/29 B** | **4/30 A****Titration lab** | **5/1 B****Titration lab from AP manual** | **5/2 A****Review****(current event due)** |
| **5/5 B****Review** | **5/6 A****Test** | **5/7 B****Test** | **5/8 A****Murder and molarity** | **5/9 B****Murder and molarity** |
| **5/12 A** | **5/13 B** | **5/14 A** | **5/15 B** | **5/16 A** |
| **5/19 B** | **5/20 A** | **5/21 B** | **5/22 A** | **5/23 B** |
| **5/26 ☺****Legal Holiday** | **5/27 A** | **5/28 B** | **5/29 A** | **5/30 B** |
| **6/2 A** | **6/3 B****Early Release** | **6/4 A****Early Release** | **6/5 B****Early Release****End of Grading Period** | **6/6 ☺****Teacher Planning Day** |

**4th Nine Weeks**