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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**