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|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| **Standards****What SPI’s are being covered for the day?** | SPI 3221.1.1SPI 3221.1.2 | SPI 3221.1.1SPI 3221.1.2 | SPI 3221.1.2 | SPI 3221.1.2SPI 3221.1.3 | SPI 3221.1.2SPI 3221.1.4 |
| **Objectives****What do the students need to accomplish by the end of the lesson?** | Students will:-Compare and contrast the major models of the atom-Create a timeline for the progression of the atomic model of the atom | Students will:-Hypothesize how mass will change during an experiment-Show evidence for the Law of Conservation of Mass | Students will:-Describe the history of how the periodic table was developed-Classify elements based on their position on the periodic table | Students will:-Identify the periodic trends that elements follow along the periodic table-Compare and contrast elements in terms of the periodic trends | Students will:-Draw the Lewis Dot diagram for an element based on its position on the periodic table |
| **Body of Lesson****What activities and strategies will be used during the lesson?** | Isotopes/Ions QuizAtomic Model Scientists Group Activity | Atomic Model Notes“On the Inside” WorksheetLab/Notebook Check | History of The Periodic Table/Classification of Elements NotesGetting to Know the Periodic Table WorksheetPeriodic Table Packet | Classification of Elements QuizPeriodic Trends NotesPeriodic Trends WarPeriodic Trends Worksheet | Octet Rule/Ions/Lewis Dot Structures Notes“Building Ions” SimulationLewis Dot POGILOctet Rule Worksheet |
| **Reinforcement****What kind of follow-up assignments/homework will reinforce the lesson?** | - | - | Periodic Table Packet | Periodic Trends Worksheet | Octet Rule Worksheet |
| **Notes/Reminders** | \*Isotopes/Ions Quiz Monday 1/30/17\*Classification of Elements Quiz Thursday (3rd/4th block) 2/2/17 Friday (1st block) 2/3/17\*Periodic Trends Quiz Monday 2/6/17 |