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|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| **Standards**  **What SPI’s are being covered for the day?** | SPI 3221.1.4  SPI 3221.1.5 | SPI 3221.1.5 | ALL STANDARDS COVERED THUS FAR  SPI 3221.1.5 | ALL STANDARDS COVERED THUS FAR | ALL STANDARDS COVERED THUS FAR |
| **Objectives**  **What do the students need to accomplish by the end of the lesson?** | The student will:  -Explain the formation of anions and cations  -Determine an element’s electron-dot structure and number of valence electrons  -represent an electron’s location in the quantum mechanical model of an atom in terms of the shape of electron clouds, relative energies of orbitals, and the number of electrons possible.  -compare s and p orbitals in terms of their shape and the order of s, p, d, and f orbitals in terms of energy and number of possible electrons | The student will:  -represent an electron’s location in the quantum mechanical model of an atom in terms of the shape of electron clouds, relative energies of orbitals, and the number of electrons possible.  -compare s and p orbitals in terms of their shape and the order of s, p, d, and f orbitals in terms of energy and number of possible electrons | The student will:  -show knowledge of all standards/objectives covered thus far during a Benchmark Review  -represent an electron’s location in the quantum mechanical model of an atom in terms of the shape of electron clouds, relative energies of orbitals, and the number of electrons possible.  -compare s and p orbitals in terms of their shape and the order of s, p, d, and f orbitals in terms of energy and number of possible electrons | The student will:  -show knowledge of all standards/objectives covered thus far during a Benchmark Review | The student will:  -show knowledge of all standards/objectives covered thus far during a Benchmark exam by scoring at least 80% |
| **Body of Lesson**  **What activities and strategies will be used during the lesson?** | -Periodic Trends Quiz  -Notes  -Octet Rule Packet  -Simulation  -Octet Rule Packet/Lewis Dot POGIL  -Electron Configuration POGIL | -Simulation  -Lewis Dot POGIL  -Electron Configuration POGIL  -Notes  -Worksheet (together)  -Electron Configuration Battleship | -Notes  -Worksheet (together)  -Electron Configuration Battleship  -Electron Configuration Quiz  -Unit Coloring Notes  -Review game | -Electron Configuration Quiz  -Unit Coloring Notes  -Review game  -Review game | -Benchmark exam |
| **Reinforcement**  **What kind of follow-up assignments/homework will reinforce the lesson?** | Octet Rules Packet |  | Study Guide | STUDY |  |
| **Notes/Reminders** | \*\*Periodic Trends Quiz: Monday, February 6th (1st block only)  \*\*Electron Configuration Quiz: Thursday, February 9th (1st block  Wednesday, February 8th (3rd and 4th block)  \*\*Benchmark Exam: Friday, February 10th. | | | | |