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|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| **Standards****What SPI’s are being covered for the day?** | SPI 3221.1.4SPI 3221.1.5 | SPI 3221.1.5 | ALL STANDARDS COVERED THUS FARSPI 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. |