**Unit 6: Atoms Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Blk: \_\_\_\_\_\_**

| **Topic** | **Checkpoints** | **Plan for Improvement** |
| --- | --- | --- |
| **1) Atomic Structure and Isotopic Abundance** |  |  |  | **Strengths** | **Weaknesses** | **PFI** |
| **2) Orbital Diagrams** |  |  |  | **Strengths** | **Weaknesses** | **PFI** |
| **3) Electronic Configuration of Atoms and Ions Part I** |  |  |  | **Strengths** | **Weaknesses** | **PFI** |
| **4) Electronic Configuration of Atoms and Ions Part II** |  |  |  | **Strengths** | **Weaknesses** | **PFI** |
| **5) Periodic Trends** |  |  |  | **Strengths** | **Weaknesses** | **PFI** |
| **6) Lewis Structures** |  |  |  | **Strengths** | **Weaknesses** | **PFI** |
| **7) Electronegativity and Types of Bonds** |  |  |  | **Strengths** | **Weaknesses** | **PFI** |

In order to receive credit for your student log you ***MUST complete the unit quiz at the end of the unit AND hand in your log with ALL your completed quizzes! BEFORE the Unit Test for the unit***.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **STUDENT: Please highlight one of the columns that you feel reflects your progress in this unit.** | ***I was unable to demonstrate an understanding of the concepts covered in this unit.*** | **Novice** | **Learner** | **Practitioner** | **Expert** |
| I have ***struggled to*** demonstrate an understanding of the concepts in this unit. | I have ***somewhat*** demonstrated an understanding of the concepts covered in this unit. | I have ***mostly*** demonstrated an understanding of the concepts in this unit. | I have demonstrated a ***strong*** and ***complete*** understanding of the concepts covered in this unit. |
| **STUDENT: Please highlight one of the columns that you feel reflects your progress in this unit.** | ***Learner was unable to reflect in any ways described to the right*** | **Novice** | **Learner** | **Practitioner** | **Expert** |
| Learner can rarely evaluate their own strengths & weaknesses.Learner does not have a clear view on how to improve their learning | Learner can somewhat evaluate their own strengths & weaknesses.Learner has a somewhat clear view on how to improve their learning | Learner can evaluate their own strengths & weaknesses. Learner has specific ideas on how to improve their learning | Learner can evaluate their own strengths & weaknesses consistently and independently.Learner has specific and comprehensive ideas on how to improve their learning |