Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Pd: \_\_\_ Ast: \_\_\_\_\_

**Atoms & Elements Preview WS #1**

***BEFORE INSTRUCTION DIRECTIONS:***

***Provide a short response to the questions below that you already know the answer to (before any instruction in this class). If you do not know the answer or cannot make a confident guess, skip the question and move on.***

1. What are **atoms** made of?
2. How do **atoms** fit into the concept of three types of matter (*elements, compounds, & mixtures*)?
3. List several **elements** that you know. How do these elements relate to the concept of **atoms**?
4. Describe the structure of an **atom**.
5. What is the most basic “unit” of an **element**?
6. Draw a model of an **atom** (*any atom you can think of, as accurately as you know how*).
7. How do **atoms** influence the *type* of **element** or the *location* of an element in the periodic table?
8. What would you look for in an illustration of our current **atomic model**?