	Exemplary 4	Proficient 3	Approaching Proficient 2	Beginning 1
Parts of the Atom	Student is able to identify all parts of the atoms and where they are located within the atom, including the charge. Students can use evidence of the history of the discovery of the model of the atom to support their answer.	Student is able to identify all parts of the atoms and where they are located within the atom, including the charge.	Students are able to identify all parts of the atoms, most of their locations and charges.	Students can identify at least one part of the atom and where it is located.
Build a scale model of an atom	Students are able to build a scale models of carbon and lithium.	Students are able to build a scale model of carbon.	Students are able to build a scale model of hydrogen.	Students are able to build a basic model of an atom.
Where are atoms found? Periodic Table	Students understand the general layout of the periodic table and that elements are atoms and atoms make up molecules. Students know how to read the periodic table and can define atomic mass, symbols, atomic number in relation to elements. Students understand that the number of protons determine the element. Students understand periodic trends within the table.	Students understand the general layout of the periodic table and that elements are atoms and atoms make up molecules. Students know how to read the periodic table and can define atomic mass, symbols, atomic number in relation to elements. Students understand that the number of protons determine the element.	Students can define atomic mass, symbols, atomic number in relation to elements. Students understand that the number of protons determine the element.	Students understand that the number of protons determine the element.
Where are atoms found? Matter and Cells	Students understand that atoms are found in all forms of matter and are the basis of cells. Students understand the motion within the atom.	Students understand that atoms are found in all forms of matter and are the basis of cells.	Students understand that atoms are found in all forms of matter.	Students understand that atoms exist in the world.
Where are atoms found? Molecules	Students understand that atoms make up molecules. Students can give two examples of molecules.	Students understand that atoms make up molecules	Students are able to understand that atoms and molecules make up matter.	Students are unable to connect relationship between atoms and molecules
Build a scale model of a molecule	Students are able to create a scale models of water, and carbon dioxide; and write symbols for each.	Students are able to create a scale model of a water and write its symbol.	Students can build a model of water.	Students can build a model of water with teacher assistance.
NAME:				
Period:				