



## Physical Science Standards Progress Report

Student \_\_\_\_\_ EF \_\_\_\_\_ Semester **1 2** Year \_\_\_\_\_

### Explanation of Standards

1. Beginning: Student has been exposed to Standard.
2. Basic: Student is approaching mastery of Standard.
3. Proficient: Student demonstrates mastery of Standard.
4. Advanced: Student exceeds mastery of Standard.

Leave blank if student has not been exposed to this Standard.

Understand that the velocity of an object is the rate of change of its position.	
Understand that unbalanced forces cause changes in velocity.	
Understand that elements have distinct properties and atomic structure. All matter is comprised of one or more of over 100 elements.	
Understand that the structure and composition of the universe can be learned from the study of stars and galaxies, and their evolution.	
Understand that chemical reactions are processes in which atoms are rearranged into different combinations of molecules.	
Understand that principles of chemistry underlie the functioning of biological systems.	
Understand that the organization of the Periodic Table is based on the properties of the elements and reflects the structure of atoms.	
Understand that all objects experience a buoyant force when immersed in a fluid.	
Understand that scientific progress is made by asking meaningful questions and conducting careful investigations.	

EF Signature: \_\_\_\_\_ Date: \_\_\_\_\_