

6th Grade Science I Can Statements

<u>Month</u>	<u>Standard/ Benchmark #</u>	<u>Statement</u>
September	6.1.2.1.2 6.1.2.1.4	1. I can create a scientific question, then plan and conduct a scientific investigation to answer the question.
October, November		1. I can identify different air properties as well as how air is useful for society. 2. I can understand different principles of flight, including Bernoulli's Principle, and how it helps machines fly.
December	6.2.2.1.1 6.2.2.2.1 6.2.2.2.2	1. I can identify how forces affect the motion and direction of an object. I can calculate the speed of an object traveling in a straight line.
January	6.2.1.2.1 6.2.1.2.2 6.2.1.2.3	1. I can tell the difference between different states of matter and understand how heat (thermal energy) changes the state of matter. 2. I can observe and tell the difference between physical and chemical changes in matter.
February		2. I can observed and describe the differences between different liquids and their interactions with other substances.
March	6.2.3.1.2 6.2.3.2.1 6.2.3.2.2	1. I can tell the difference between Kinetic and Potential Energy and how they convert from one type to another. 2. I can identify different forms of energy and how they transfer from one form to another as they are used in devices. 1. I can explain how vibration of air particles results in a transfer of energy through sound waves.
April	4.3.1.3.1 4.3.1.3.2	1. I can describe the differences between different types of rocks and how they are formed. 2. I recognize that rocks are made up of different elements and minerals. 3.3. I can describe minerals based on their physical and chemical properties.
May	6.1.2.1	I understand that engineers create structures, machines, and systems that impact society and make people more productive.