**Science Essential Standards**

**Kindergarten**

* **Investigating Properties**

Understand how objects are described based on their physical properties and how they are used

* + Classify objects by observable physical properties (size, color, shape, texture, weight, and flexibility)
	+ Compare the observable physical properties of different kinds of materials (clay, wood, cloth, paper, etc.) from which objects are made and how they are used
* **Animals 2x2**

Compare characteristics of animals that make them alike and different from other animals and nonliving things

* + Compare different types of the same animal to determine individual differences within a certain type of animal
	+ Compare characteristics of living and nonliving things including :structure, growth, changes, movement, basic needs

Understand the positions and motions of objects and organisms observed in the environment

* Compare the relative position of various objects/organisms observed in

 the classroom and outside using position words such as in front of,

 behind, between, on top of, under, above, below, and beside

* Explain Give examples of different ways objects and organisms move

 (including falling to ground, back and forth, fast and slow, etc.)

* **Weather**

Understand change and observable patterns of weather that occur from day to day and throughout the year

* + Infer that change is something that happens to many things in the environment based on observations made by one or more of their senses
	+ Summarize daily weather conditions noting changes that occur day to day and throughout the year
	+ Compare weather patterns that occur from season to season