**ESSENTIAL STANDARDS FOR SCIENCE**

P = Physical Science (Forces and Motion, Matter: Properties and Change)

E = Earth Science (Earth Systems, Structures and Processes)

L = Life Science (Structure and Function of Living Organisms)

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| **Standard** |  |
| K.P.1  | Understand the positions and motions of objects and organisms observed in the environment. |
| K.P.1.1  | Compare the relative position of various objects observed in the classroom and outside using position words such as: in front of, behind, between, on top of, under, above, below and beside. |
| K.P.1.2 | Give examples of different ways objects and organisms move ( to include falling to the ground when dropped) : straight, zigzag, round and round, back and forth, fast and slow |
| K.P.2 | Understand how objects are described based on their physical properties and how they are used.  |
| K.P.2.1 | Classify objects by observable physical properties (including size, color, shape, texture, weight and flexibility). |
| K.P.2.2 | 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. |
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| K.E.1 | Understand change and observable patterns of weather that occur from day to day and throughout the year. |
| K.E.1.1 | Infer that change is something that happens to many things in the environment based on observations made using one or more of their senses. |
| K.E.1.2 | Summarize daily weather conditions noting changes that occur from day to day and throughout the year. |
| K.E.1.3 | Compare weather patterns that occur from season to season. |
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| K.L.1 | Compare characteristics of animals that make them alike and different from other animals and nonliving things. |
| K.L.1.1 | Compare different types of the same animal (i.e. different types of dogs, different types of cats, etc.) to determine individual differences within a particular type of animal. |
| K.L.1.2 | Compare characteristics of living and non living things in terms of their: structure, growth, changes, movement, basic needs |
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