

Appendix 1: Implementing Teaching Standards

- 5.L.1.2: Compare the major systems of the human body (digestive, respiratory, circulatory, muscular, skeletal, and cardiovascular) in terms of their functions necessary for life.
- 3.L.1: Understand human body systems and how they are essential for life: protection, movement and support.
- 3.L.1.1: Compare the different functions of the skeletal and muscular systems.
- 4.L.2.2: The role of vitamins and minerals, and exercise in maintaining a healthy body.
- 5.E.1: Understand weather patterns and phenomena, making connections to the weather in a particular place and time.
- 5.E.1.1: Compare daily and seasonal changes in weather conditions (including wind speed and direction, precipitation, and temperature) and patterns.
- 5.E.1.2: Predict upcoming weather events from weather data collected through observation and measurements.
- 5.E.1.3: Explain how global patterns such as the jet stream and water currents influence local either in measurable terms such as temperature, wind direction and speed, and precipitation.
- 3.P.1: Understand motion and factors that affect motion.
- 3.P.1.1: Infer changes in speed or direction resulting from forces acting on an object.
- 3.P.1.2: Compare the relative speeds of objects that travel distance in different amounts of time.
- 5.P.1: Understand force, motion and the relationship between them.
- 5.P.1.1: Explain how factors such as gravity, friction, and change in mass affect the motion of objects.
- 5.P.1.2: Students know that it is possible to measure the motion of an object based on the distance it will travel in a certain amount of time.
- 5.P.1.3: Students know that a graph can be created using one axis to represent the distance that an object travels, and the other axis to represent the period of time the object is traveling. Students know how to construct a graph that demonstrates a relation of distance to time.
- 5.P.1.4: Students know that the greater a force is, the greater the change it produces.