

## Appendix 1: Implementing District Standards

- 5. P.2 Understand the interactions of matter and energy and the changes that occur.
- 5. P.2.3 Summarize properties of original materials and the new material(s) formed to demonstrate that a change has occurred.

This unit addresses the above standards as students engage in center learning. Students use the centers to make discoveries about matter and how it changes.

- 5. L.1 states Understand how structures and systems of organisms (to include the human body) perform functions necessary for life.
- 5. L.1.1 Compare the major functions of the human body (digestive, circulatory, respiratory, muscular, skeletal, and cardiovascular) in terms of their function necessary for life.

Students apply knowledge learned in previous experiments to determine whether changes occurring in their bodies during puberty are chemical, physical or a combination of both.

- PD.5.CC.1 Explain the physical, social and emotional changes that occur during puberty and adolescence.

Students recognize that their bodies are changing and are able to use the knowledge they have learned to determine if these changes are chemical, physical or a combination of both.