

**ADAMS COUNTY/OHIO VALLEY SCHOOL DISTRICT
POWER STANDARDS (INDICATORS)**



**SCIENCE
GRADE SIX**

Standard – Earth and Space Science

Describe the rock cycle and explain that there are sedimentary, igneous and metamorphic rocks that have distinct properties (e.g., color, texture) and are formed in different ways.

Standard –Life Science

Explain that many of the basic functions of organisms are carried out by or within cells and are similar in all organisms.

Recognize that an individual organism does not live forever; therefore reproduction is necessary for the continuation of every species and traits are passed on to the next generation through reproduction.

Standard – Physical Science

Describe that chemical and physical changes occur all around us (e.g., in the human body, cooking and industry).

Describe how renewable and nonrenewable energy resources can be managed (e.g., fossil fuels, trees and water).

Standard – Science and Technology

Explain how technology influences the quality of life.

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Standard – Scientific Inquiry

Explain that there are not fixed procedures for guiding scientific investigations; however, the nature of an investigation determines the procedures needed.

Distinguish between observation and inference.