

**GRADE 6**

***Overview of the Science Standards  
FOCUS: EARTH SCIENCES***

**I. PLATE TECTONICS AND EARTH'S STRUCTURE**

- *Plate tectonics accounts for important features of Earth's surface and major geologic events.*

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**II. SHAPING EARTH'S SURFACE**

- *Topography is reshaped by the weathering of rock and soil and by the transportation and deposition of sediment.*

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**III. HEAT (Thermal Energy) (Physical Science)**

- *Heat moves in a predictable flow from warmer objects to cooler objects until all the objects are at the same temperature.*

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**IV. ENERGY IN THE EARTH SYSTEM**

- *Many phenomena on Earth's surface are affected by the transfer of energy through radiation and convection currents.*

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**V. ECOLOGY (Life Science)**

- *Organisms in ecosystems exchange energy and nutrients among themselves and with the environment.*

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**VI. ECOLOGY (Life Science)**

- *Sources of energy and materials differ in amounts, distribution, usefulness, and the time required for their formation.*

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**VII. INVESTIGATION AND EXPERIMENTATION**

- *Scientific progress is made by asking meaningful questions and conducting careful investigations.*
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