

SUBJECT	6th Grade	7th Grade	8th Grade		
Ideas students are learning	Relationships between energy and the forces that shape the Earth.	Developing an understanding of the Earth's systems and structures.	Developing an understanding between Earth's structure and Living systems.		
Skills	Measuring, Graphing, Comparing and contrasting data about the Earth's cycles.	Gathering and interpreting data about equilibrium in the ecosystem.	Classifying, model building, and research.		
Work and assignments to look for	Energy Research Pamphlet Mini-Compost Rock Cycle Diagrams	Observing and sorting organisms as they are scaffolded in the environment.	Star Charts Rock Cycle Cartoons Human Impact on the Environment		
Questions Parents Can Ask	What are the Earth's energy sources? Describe the Earth's cycles.	What are the components of an ecosystem?	How does human activities effect Earth's cycles?		
Special Notes	This six weeks, students learn energy's role in the environment and Earth's processes.	This six weeks, students learn the relationship between an organisms and its environment.	This six weeks, students learn how Earth's cycles are interrelated.		