Rock Cycle
3rd grade - Field Trip Station

Overview
Students will understand the rock cycle and rock formation by learning some characteristics of igneous, sedimentary, and metamorphic rocks. They will practice using their knowledge by sorting some rocks into the appropriate categories.

Vocabulary
- **Igneous rock** - relating to or involving volcanic processes
- **Metamorphic rock** - denoting rock that has undergone transformation by heat, pressure, or other natural agencies, e.g., in the folding of strata or the nearby intrusion of igneous rocks
- **Sedimentary rock** - that has formed from sediment deposited by water or air.

NM Science Standards Addressed
1-1-1-1 Make new observations when discrepancies exist between two descriptions of the same object or phenomenon to improve accuracy
1-1-1-2 Recognize the difference between data and opinion.
1-1-1-3 Collect data in an investigation and analyze those data.
1-1-2-2 Understand that predictions are based on observations, measurements, and cause-and-effect relationships.
2-3-2-1 Know that Earth’s features are constantly changed by a combination of slow and rapid processes that include the action of volcanoes, earthquakes, mountain building, biological changes, erosion, and weathering.

CCSS Language Arts Standards Addressed
SL.3.1 Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 3 topics and texts, building on others' ideas and expressing their own clearly.
SL.3.1.B Follow agreed-upon rules for discussions (e.g., gaining the floor in respectful ways, listening to others with care, speaking one at a time about the topics and texts under discussion).
SL.3.1.C Ask questions to check understanding of information presented, stay on topic, and link their comments to the remarks of others.
SL.3.1.D Explain their own ideas and understanding in light of the discussion.
SL.3.3 Ask and answer questions about information from a speaker, offering appropriate elaboration and detail.