Rock Cycle
4th 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
1-1-2-1 Communicate ideas and present findings about scientific investigations that are open to critique from others.
2-3-2-1 Know that the properties of rocks and minerals reflect the processes that shaped them (i.e., igneous, metamorphic, and sedimentary rocks).
3-1-1-4 Know that both men and women of all races and social backgrounds choose science as a career.

CCSS Language Arts Standards Addressed
SL.4.1 Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 4 topics and texts, building on others’ ideas and expressing their own clearly.
SL.4.1.B Follow agreed-upon rules for discussions and carry out assigned roles.
SL.4.1.C Pose and respond to specific questions to clarify or follow up on information, and make comments that contribute to the discussion and link to the remarks of others.
SL.4.1.D Review the key ideas expressed and explain their own ideas and understanding in light of the discussion.