

NDOM Classroom Activities			
GRADE	WHERE PRESENTED	LESSON	ACTIVITY
ALL	ALL	AML	Abandoned Mine Lands (AML) dangers and safety, included with all presentations.
All Elementary Grades	CC/LV	General Geology, Minerals Ed & AML	Bead Mining, Paste with a Taste.
1, 3, 4, & 5	CC	Geologic Time Scale, Earth History and Evolution and Fossils	Put together the time scale and create your own fossils using plaster and animal shapes.
K	CC	Introduction to Rocks and Geology	Weird Rocks - Sit down reading with specimen samples .
K	New - LV	Understanding Maps	Using natural materials, mineral applications.
K	New - LV	Natural Resources/Raw Materials	Begin learning about natural resources and raw materials with the 3 little pigs.
K	CC	Introduction to Fossils	Introduction to fossils and make a fossil.
1	New - LV	Rock Cycle	Rolling along the rock cycle - game, rock identification and story about rocks.
2	CC	Rock and Mineral Hunt	Outdoor activity & scavenger hunt for rocks and minerals.
2	CC	The Rock Cycle	Delilah goes through the rock cycle - interactive with playdoh 'rocks'.
2-3	New - LV	Mineral Resources	What are the things I use made of? Everyday necessities are made from different materials sourced from the earth.
3	New - LV	Fossils/Minerals	Minerals' Role in Fossils - create fossils using a permeable sponge shaped like a bone, and set with water, plaster, and mineral mixture.
4	New - LV	Earth and Humans	How building and mining has affected our surroundings, and what we do to conserve/reclaim the lands we use.
4	New - LV	Mixtures & Solutions in Geology	Using geologic concepts and a sediments activity to explain mixtures and solutions.
4	CC	Earth History and Evolution	Build a Beast - Create your own new creature using theory of evolution and species development.
4	CC	History of Mining in Nevada	Presentation - Boom and bust with cards/timeline activity.
4	CC	Minerals & NV Mining	Mine locations - what we mine, size of mining companies and where in the state they are located. Uses NV map and Major Mines of NV booklet.
4	CC	Minerals & Mineral Exploration	Cupcake Core Drilling - Types of drilling operations, theory of exploration and build a cross-section.
5	New - LV	Mineral Properties & Identification	Mineral testing and identification stations introduce 5th grade students to testing mineral properties and identification.
6-12	TW	Plate Tectonics	Discuss plate tectonics and the behavior of the earth's crust under different types of stresses.
8-12	TW	Drilling for Energy	Nevada-specific geologic interpretation of wells and resources (oil, gas and geothermal.)
8-12	TW	Geothermal Activity	Create a geothermal plant and solve for Faraday's equation of electric induction (magnet in a coil.)
9 & 10	CC	Soils & Mineral Exploration	Soil composition and minerals/rocks, soil classification, texture and structure, mineral structure and rock composition.
9 & 10	LV, TW	Mining & Exploration	Build a Mine, Under the Earth.

Key: LV - Las Vegas Office | CC - Carson City Office | TW - Teachers' Workshop Course