

# Layered Earth Geology Correlations For Nevada State Science Standards



<b>Middle School: Grades 5-8</b>		<b>Lesson Plans</b>
E.8.C.1	Sedimentary rocks and fossils provide evidence for changing environments and the constancy of geological processes	B1, C3, G1
E.8.C.2	Rocks at Earth's surface weather, forming sediments that are buried, then compacted, heated and often re-crystallized as new rock	C1-4
E.8.C.3	Earth is composed of a crust, hot convecting mantle, and a dense, metallic core	A2
E.8.C.4	The very slow movement of large crustal plates result in geological events	B1-3, E1, F1
L.8.D.2	Fossils provide evidence of how life and environmental conditions have changed throughout geologic time	G2, B1
<b>High School: Grades 9-12</b>		<b>Lesson Plans</b>
E.12.C.1	Successive rock strata and fossils can be used to confirm the age, history, and changing life forms of the Earth, including how this evidence is affected by the folding, breaking, and uplifting of layers	B1, C3, G1
E.12.C.2	Understand the concept of plate tectonics including the evidence that supports it	B1-3
E.12.C.5	Soil is derived from weathered rocks and decomposed organic material and is found in layers	C1-4