


**Sandia Mountain Natural History Center Next Generation Science Standards Correlations**

 <b>Activity / Discussion</b>	<b>5th Grade NGSS</b>	<b>DCI</b>	LS1.C: Organization for Matter and Energy Flow in Organisms	LS2.A: Interdependent Relationships in Ecosystems	LS2.B: Cycles of Matter and Energy Transfer in Ecosystems	ESS1.A: The Universe and its Stars	ESS1.B: Earth and the Solar System	ESS2.A: Earth Materials and Systems	ESS2.C: The Roles of Water in Earth's Surface Processes	ESS3.C: Human Impacts on Earth Systems	PS1.A: Structure and Properties of Matter	PS1.B: Chemical Reactions	PS2.B: Types of Interactions	PS3.D: Energy in Chemical Processes and Everyday Life	ETS1.A: Defining and Delimiting Engineering Problems	ETS1.B: Developing Possible Solutions	ETS1.C: Optimizing the Design Solution		
Introduction to Ecosystems	✓	✓	✓					✓						✓					
Tree Key																			
Observations	✓	✓	✓					✓	✓										
Lichen Key	✓	✓	✓					✓	✓	✓				✓					
Geology Rocks								✓	✓										
Decomposition in the Forest			✓	✓															
Fire on the Mountain	✓	✓	✓	✓						✓		✓							
Cloud Key								✓	✓										
Skull Analysis			✓																
Scavenger Hunt	✓	✓	✓	✓															
Fun with Forestry	✓	✓	✓	✓				✓		✓					✓				
Bear Habitat Survey			✓	✓															
Forest/Snag Exploration			✓	✓															
Fossil Hunt								✓	✓										
Puzzle Path			✓	✓				✓											
Tree Rings (dendrochronology)								✓	✓	✓									
Consumer Pictures			✓	✓				✓	✓	✓									
Lichen & Moss	✓	✓	✓	✓				✓	✓	✓									
Consumer Evidence			✓	✓															
Scat Chat	✓	✓	✓	✓						✓									
Who's your consumer?	✓	✓	✓	✓															