

TERRY LEE WELLS NEVADA DISCOVERY MUSEUM

# LEAD 21 Gallery Themes

## Grades K–5



GRADE	UNIT	GALLERY (G) OR CLASS (C) ALIGNMENT	DESCRIPTION
K	Unit 1 "All About Me"	<i>Nevada Stories</i> <i>Under the Stars</i>	Guests explore Nevada’s past and present in <i>Nevada Stories</i> to understand the state through seven content areas. There are replica artifacts to play with, immersive environments to explore and interactive games that help children learn about the unique lives of different Nevadans. In the gallery, students can uncover mysteries of Nevada’s past by uncovering “artifacts” at a replica of an archeological dig site. Match the “artifact” to the display to find out what story they tell. In <i>Under the Stars</i> students can make connections to their own outdoor experiences as they explore a cave, walk in a virtual stream and pack their bag to camp in a tent set up in this gallery.
K	Unit 2 "Around Me"	Sensational Senses (C)	In this class, students learn about their five senses through games and open exploration and how their senses can be used to explore the world around them. This is the beginning of developing the scientific skill of observation.
K	Unit 3 "Home and Family"	<i>Build It!</i> <i>Nevada Stories</i> <i>Under the Stars</i>	<i>Build it!</i> is rich with activities that align with this unit. Students can design their own home and perform a real-time energy audit. Students can also look at the inner workings of a house and compare the house in <i>Build it!</i> to the historic homes of the Native American tribes in <i>Nevada Stories</i> . They can also look at the historic homes of the Basque people in our area. In <i>Under the Stars</i> students can learn about the homes (habitats) of some of Nevada’s native species.
K	Unit 4 "Outdoor Explorers"	<i>Under the Stars</i> <i>Truckee Connects</i>	Learn about the water cycle and the Truckee River watershed and the people and wildlife that depend on it. In <i>Under the Stars</i> students can learn about the seasonal change of the constellations and about natural resources through mineral exploration as well as the features of the earth including volcanoes and topographical features.
1	Unit 1 "On the Move"	<i>Da Vinci’s Corner</i> <i>Truckee Connects</i> <i>Nevada Stories</i>	In all three of these galleries students can explore the ways people move across our state through exhibits about transportation. In <i>Da Vinci’s Corner</i> students learn how objects move by manipulating a giant marble track, catapult, and wind draft tube.
1	Unit 4 "Earth’s Treasures"	<i>Nevada Stories</i> <i>Under the Stars</i> <i>Da Vinci’s Corner</i> <i>Truckee Connects</i>	See and touch different minerals found in Nevada in <i>Under the Stars</i> and <i>Nevada Stories</i> and learn through exploration in <i>Truckee Connects</i> about natural resources and our watershed. In <i>Build It!</i> students learn about a variety of renewable resources and about conservation of non-renewable resources through green design.
1	Unit 5 "Stories of Our Past"	<i>Nevada Stories</i>	<i>Nevada Stories</i> is rich in connections to the “Stories of Our Past” unit. Students can participate in an archeological dig and explore the homes of many of Nevada’s residents, past and present. They’ll see how these past peoples’ lives and their stories shaped our state into what it is today.

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2	Unit 1 "My Role"	<i>Build It!</i>	In <i>Build It!</i> students explore their role in the community as a consumer of renewable and non-renewable resources.
2	Unit 2 "All Around Town"	<i>Build It!</i> <i>Spark!Lab Smithsonian</i> <i>Truckee Connects</i>	In these three galleries students learn about the ways scientists and engineers use scientific investigation and problem solving to improve the community and world we live in. FOSS Kit "Bridges": At the museum students can use the principals of design to construct and engineer bridges from a variety of unique building materials including; giant foam blocks, straw and jack connector sets and Keva blocks.
2	Unit 3 "Community Life"	<i>Nevada Stories</i>	In <i>Nevada Stories</i> , students can discuss aspects of different historical communities (Basque, Native American and early settlers) and how people and their work were interdependent.
2	Unit 4 "Seasons & Weather"	<i>Under the Stars</i> <i>Truckee Connects</i>	Climb the clouds and explore how weather affects our Truckee River watershed and the people and wildlife that depend on it. In <i>Under the Stars</i> students can learn about the seasonal changes in the constellations. FOSS kit "Air and Weather: The above galleries and exhibits tie well to this FOSS Kit.
2	Unit 4 "Now and Then"	<i>Nevada Stories</i>	Students can compare the lives of historic and modern-day miners as they go through a mining shaft and play a number of games that show aspects of past and current mining. They can also compare the lives of cowboys and local Native Americans in the past with present day cowboys/ranchers and Native Americans.
3	Unit 2 "Science at Play"	<i>Da Vinci's Corner</i>	In <i>Da Vinci's Corner</i> , students explore different movement activities like the large ball wall and catapult. Connections can be made between the fun that students have in this gallery and the science behind these activities. FOSS kit "Balance and Motion: above activities connect with this FOSS Kit.
3	Unit 3 "Science at Play"	<i>Nevada Stories</i> <i>Build It!</i>	In <i>Nevada Stories</i> students can make connections about the materials that were used for different Native American shelters based on the natural resources that are available. In <i>Build It!</i> students can explore how a landscape's geography and natural resources influence the choices contractors and architects make when designing homes. FOSS kit "Lego We Do" The above activities connect with this FOSS Kit.
3	Unit 4 "Digging Up a Story"	<i>Under the Stars</i> <i>Truckee Connects</i>	Learn about the water cycle and the Truckee River watershed and the people and wildlife that depend on it. In <i>Under the Stars</i> students can learn about the seasonal changes of the constellations, and about natural resources through mineral exploration and finish exhibits as well as features of earth including volcanoes and topographical features. See and touch various minerals found in Nevada in <i>Under the Stars</i> and <i>Nevada Stories</i> .

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3	Unit 8 "New Ideas"	<i>Spark!Lab Smithsonian Spark!Lab Special (C)</i>	In <i>Spark!Lab</i> and the <i>Spark!Lab Special</i> class students learn how inventors' find solutions to problems in our everyday life and how inventors push science and technology.
4	Unit 1 "Life Stories"	<i>Nevada Stories</i>	Students learn in <i>Nevada Stories</i> how our family and ancestors' stories affect our lives in the present.
4	Unit 2 "A Green Future"	<i>Build It!</i>	In <i>Build It!</i> students explore their role in the community as consumer of renewable and non-renewable resources. They learn about four types of renewable energy sources including solar, geothermal, mechanical and wind power. In <i>Truckee Connects</i> students can explore hydro power and learn how it can benefit our community.
4	Unit 4 "Patterns in the Sky"	<i>Under the Stars</i>	In <i>Under the Stars</i> your students will see Nevada's night sky represented by a changing LED display on the ceiling. This display changes seasonally to show the sky as it appears during that season. This can be used to illustrate the earth's movement throughout the year.
4	Unit 7 "The Wide-Open West"	<i>Nevada Stories</i>	The <i>Nevada Stories</i> gallery ties well into unit 7. Here students learn about westward expansion and why pioneers and settlers moved to Nevada specifically. They can visit a train depot, a mine tunnel, Native American homes, and prepare food at a chuck wagon.
5	Unit 2 "Seeking the Unknown"	<i>Under the Stars</i>	In <i>Under the Stars</i> , students can learn about topography and the science of map-making, which helps explorers and settlers. They can learn how a GPS device works and explore a cave and it's natural wonders.
5	Unit 3 "Early America"	<i>Nevada Stories</i>	Here students learn about Nevada's native people as well as why pioneers and settlers moved to Nevada. They can visit a Paiute Indian home, create pictograms and learn why native people used wall or cave art. They can look at Native American artifacts, such as a water vessel, a tule reed duck decoy, and traps for catching fish that show how native tribes used the watershed and its resources. They can learn about westward expansion and how it affected Nevada's Native people. The tribes discussed in this gallery can be used to compare and contrast with those studied in this unit.
5	Unit 5 "New People, New Places"	<i>Nevada Stories</i>	The <i>Nevada Stories</i> gallery ties well into Unit 5. Here students learn about westward expansion and why pioneers and settlers moved to Nevada specifically. Students can learn about Nevada's key industry features and compare to those studied in this unit.