

Desert Living Center Exhibit Overview

Sustainability Gallery	Three thematic areas: Nothing Disappears, Do More With Less, and Explore the Alternatives take visitors through a fun, educational, hands-on journey through this gallery dedicated to giving visitors creative solutions to current and future environmental challenges.
You Are Water	Affixed to the entry wall are five 3-dimensional human figures made of white and blue acrylic, colorized to represent the amount of water in the human body.
Water Kinetic Sculpture	Simulated model of Lake Mead, Hoover Dam, Las Vegas Strip, and neighborhoods visually explain the journey H2O travels to get to Las Vegas residences and businesses.
Storm Water Maze	Red, yellow, and green marbles on a tilt table represent toxic, inorganic and organic waste. Using knobs located on the outside of the table, the player attempts to direct the different types of waste to the proper treatment centers while avoiding the storm drains.
Nothing Disappears	Three trashcans placed close together begin the exhibit while text explains what happens if we do and don't separate our garbage. A large billboard flashes three separate images of a dandelion as it is slowly picked up by the wind and dispersed into the air.
Tower of Trash	The pile of garbage represents the amount of trash an average family can accumulate in one month.
Smart Shopper: Recycling Kiosk	This interactive game allows players to shop for products that have been created from recycled items.
Glass Bottles	Glass bottles fill the appropriate recycling bin and the graphic on the bin explains how glass is recycled and how it is used.
Plastic Bottles	Plastic bottles fill the appropriate recycling bin and the graphic on the bin explains how plastic is recycled and how it is used.
Aluminum Cans	Aluminum cans fill the appropriate recycling bin and the graphic on the bin explains how aluminum is recycled and how it is used.
Recycling Bins, Paper or Plastic	An average grocery shopping cart is filled with groceries that have been bagged in both paper and plastic bags. The graphic on the shopping cart explains what is best to use for bagging groceries.

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Garbage Truck Theater	A life-size garbage truck completely made of recycled materials inside and out is a theater where visitors sit on trash-can chairs to view a film that shows them where their garbage goes after it is picked up from the curb and what types of products can be made from recycled materials.
Compost Crawl	Young visitors are encouraged to crawl through approximately 13 feet of tunnel which runs directly through a massive foam sculptured compost pile, helping kids to learn what makes up natural, nutrient-rich fertilizer.
Fertilizers	Lawn tools used to shovel, carry and spread compost make up this exhibit. Samples of synthetic and organic fertilizer are displayed.
Do More with Less	A refurbished wheelbarrow, push mower, garden shovel, leaf rake and broom prop up a graphic explaining what to see and do in the sustainable living area.
Smart Shopper: Fertilizer Kiosk	This interactive game allows visitors to “shop” by trying to determine the best fertilizer product.
Smart Shopper: Irrigation Systems	This interactive game allows visitors to “shop” by trying to determine the best irrigation system. Display includes garden hose, sprinkler system and drip irrigation with timer.
Life Cycle of Water Interactive	In this interactive exhibit the visitor squeezes the trigger on a water hose and is shown where their water comes from and where it goes.
Entry Vestibule Alternative Materials	Graphics explain how the seemingly half-built sustainable house is really a showplace for sustainable ideas and products from home finishes and furnishings, light bulbs and fixtures, to flooring tile and carpet.
Where Does Your Power Come From?	Visitors pull a simulated power cord to view this interactive program showing where Southern Nevada receives its power by traveling along power lines viewing objects as you pass.
Flooring Exhibit	Shows comparison between synthetic, natural (wool) and polyethylene (made from recycled soda bottles) carpeting and hard floor options such as bamboo and stone tile, helping visitors to choose sustainable flooring.
Oversized Thermostat	Visitors turn an oversized thermostat as part of an interactive program displaying costs and energy uses of an average-sized home. Visitors are given recommended settings yet can select where to set the thermostat and, in turn, see how that affects costs in summer and winter seasons.

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Bathroom	Visitors learn about different types of compost toilets and how they work, and about the water saving benefits of low-flow toilets and shower heads.
Washing Machine Area	The eco-friendly washer-dryer combo can do the work of a traditional washer and dryer while saving energy, water and money. The exhibit also displays the most environmentally friendly soaps and detergents.
Kitchen	From bio-composite cabinets to energy efficient task lighting to composting techniques, this exhibit outlines strategies for making your kitchen more sustainable.
Living Room	Ambient lighting adds atmosphere and uses 90% less power. Modular furniture is now being made from recycled paper and there are many companies who make stylish yet eco-friendly sofas and chairs.
Smart Shopper Light Bulb Kiosk	This interactive game allows visitors to “shop” by trying to determine which is the "best" light bulb - most energy, cost and environmentally efficient.
Pledge Tree	The Pledge Tree is a 14-foot bamboo and metal sculpture with metal mesh canopy from which pledge cards with signatures and photos of individuals pledging to make a difference will be hung.
Food Miles	This exhibit explores the idea of where food comes from. The flooring of this child’s play area is made of recycled rubber crumbs for safety with benches along rammed earth fencing to allow adults to sit. The Pledge Tree is in the center of the area surrounded by a fruit stand, fruit conveyor, fruit tree and two ride-on tractors. Children move “fruit” (balls) from the tree, to the tractors, onto conveyors and finally into the fruit stand interactively teaching children to purchase food that is grown/produced close to home.
Smart Shopper Shoe Kiosk	Interactive program played by the visitor, this game allows visitors to “shop” by guessing and trying to figure out what is the best shoe product.
Pledge Kiosk	Here visitors can fill out a pledge card promising to do something that promotes sustainability. Visitors will take one copy of their pledge home with them and a second copy will be hung from the Pledge Tree.
Explore the Alternatives	Explore practical, affordable options for energy use, transportation and the way we treat our community.
Alternate Transportation - Electric Car	High energy efficient cars are the wave of the future and visitors can learn all about them. Visitors will view the exposed engine of a hybrid car to see how it actually works.
Alternate Transportation - Airstream Trailer	Graphic panels line the interior of a trailer containing information on alternative energy innovation and information about the current Las Vegas pollution index.

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Sun Power Sunray Flower	Petals of the sunflower are photovoltaic panels that can be angled by visitors to catch the maximum amount of sun to convert it into energy.
Windmill Interactive	Visitors are given all the instructions need to build their own windmill.
Energy Bike	An exercise bike is connected to a generator and light bulbs that will enable visitors to appreciate how much energy is required to light the bulbs.
Patio Place	An outdoor patio is constructed with reclaimed wood and houses the Smart Shopper Patio Place Kiosk.
Smart Shopper Patio Place	An interactive station is the ending point of the five Smart Shopper Kiosks. Here visitors can review their “purchases”, change if desired, and view how well they did with regards to purchasing eco-friendly products.
Photovoltaic Experiments	Visitors will find a variety of electrical devices in cabinets and drawers and to plug them into an electrical outlet powered by photovoltaic panels.
Solar Powered Air Conditioner	The exhibit creates a circuit in which the sun's energy powers air conditioning by evaporating water to cool the air.