



**Educational Farm Foundation
of Moapa Valley**

lucchesi galati
PEOPLE • PROCESS • PLACE



Straw Bale Classroom & Moapa Demonstration Gardens at Moapa Valley Farm

Thanks to the following companies for contributing materials and in-kind services to the project.

- Aquarius Stone • Benchmark Development
- College of Southern Nevada • Deliver N Dump
- Desert Garden Center • Eagle View Contractors
- Home Depot • Horizon • Lucchesi Galati Architects
- M&M Electric • Mojave Water Management
- Pacific Stucco, Inc. • Ready Mix Cement • High Desert
- Resource Conservation & Development • Scholzen Products
- Southwest Homes • TSPainting & Drywall
- University of Nevada, Las Vegas



Visit these websites for more information about sustainable architecture

Lucchesi Galati Architects: www.lgainc.com
 US Green Building Council: www.usgbcnv.org
 Benchmark Development: www.benchmarkdevelopmentco.com
 EPA Green Building: www.epa.gov/greenbuilding



Visit Our Web Site: www.cdsn.org

**Reduce waste. Reuse unexpected materials.
Recycle your old ideas of how homes are built.**

Straw Bale Classroom

In 2004, the Conservation District of Southern Nevada (CDSN) partnered with the Environmental Protection Agency and Moapa Valley High School to build a straw-bale classroom.



The one-room structure was built at the Moapa Valley Farm to demonstrate a sustainable building method that is energy efficient and reduces indoor air pollution.

Straw is a farming waste leftover after grains like wheat & rice are harvested. Straw bales can be used as a construction material, recycling a waste into a useful building product. Using locally produced materials is sustainable and supports area businesses, like agriculture. It's a healthy choice for the environment and the community.



Moapa Demonstration Garden

The result of a partnership between CDSN, Moapa Valley High School and Clark County Department of Air Quality & Environmental Mgmt, the gardens demonstrate Xeriscape gardening, which features drought tolerant plants that can withstand the dry heat of the Mojave Desert.



The Succulent, Scrunch & Sniff, Hummingbird & Butterfly, and Native Mojave Gardens all provide examples of desert adapted plants that conserve water and provide habitat for local wildlife. A grand opening was held for the classroom and gardens in the Spring of 2008.

Fast Facts

- Straw bale construction provides excellent, non-toxic, insulation cutting heating and cooling costs up to 75%
- Straw bale is a good building choice for drier climates. Building codes for straw bale construction already exist in California, Arizona, and New Mexico

Moapa Valley Farm
1625 Moapa Valley Blvd.
Overton, Nevada 89040

For information on visiting, call Moapa Valley High School: (702) 397-2611

For information on the garden, please visit www.cdsn.org