



**Educational Farm Foundation  
of Moapa Valley**

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# Straw Bale Classroom & Moapa Demonstration Gardens at Moapa Valley Farm

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**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](http://www.cdsn.org)