


Solar House Bingo Answer Key

Visit the DesertSOL house and be the first team to get five answers in a row!

S	O	L	A	R
An average of 8 gallons of water are saved by using a low flow showerhead.	Why did the DesertSOL team not plant shade trees? - The house is designed to be mobile. -Trees consume large amounts of water.	DesertSOL collects rainwater using a cistern .	Name one award DesertSOL has won: See below	What is the deck made from? Glass infused wood
What is your favorite feature in the house? Answers vary	Name one thing inside that can be controlled using a phone. thermostat, lights, television	What does xeriscape mean? Alternative landscaping that focuses on water conservation	DesertSOL uses LED lighting for maximum efficiency	What does ENERGY STAR mean? EPA standard that reduces energy consumption, cost, and pollution.
What is your favorite color? Answers vary	What is cross ventilation? Air moving from one side of the room to the other.		To use natural lighting, the windows face which 2 directions? North and South	Radiant floor heating transfers energy 3500 times more efficiently than a traditional heater.
The shade patterns on the porch look like a mesquite tree.	Name one native plant found in the exhibit: See below	What does the SOL in DesertSOL stand for? SOLar energy, SOLution to resources, & SOUL of desert	The space between walls that provides insulation is called the building envelope .	What age range was the DesertSOL designed for? 35-75
Why are the east and west walls shorter than the others? Block heat from desert sun	How many languages were spoken by the DesertSOL team? 12	How many kilowatts of power do the solar panels create? 6.75 kw	What is the name of the book by the bed? Answers vary	What resource does DesertSOL use to heat water? solar thermal collector

Awards won: Project of the Year, 1st Place Energy Balance, 1st place Hot Water, 1st place market appeal, 2nd place Communication, 3rd place Engineering

Native plants on site: firecracker penstemon, brittlebush, Siskiyou pink gaura, globe mallow, purple sage, Utah agave, apache plume, Mexican cliffrose, creosote bush, California barrel cactus, California buckthorn, Joshua tree, morman tea, desert marigold.