

What is Green Building and Sustainable Design?

Heat from the sun is used to heat and power things in a building like a house, office or school.	Solar Power
A system in the building's design that uses wind or warm air to supply air to the inside of a building.	Natural Ventilation
A method of lighting the inside of buildings with natural light (like sunlight through windows) so that less artificial light (like from light bulbs) is needed.	Daylighting
Buildings are recycled by using the original walls and/or other parts from existing buildings.	Building Reuse
Collecting and saving used materials for remaking something useful again.	Recycling
Power systems that convert the energy of wind into electricity.	Wind Power
Rain that falls on a roof and is used for irrigation and grey water uses.	Rainwater Harvesting
A building that is more sustainable and results in structures that are environmentally responsible and healthy places to live, work, learn and play.	Green Building
Building materials that have chemicals in them which emit fumes.	Offgas
Volatile Organic Compounds. Chemicals that contain carbon molecules and evaporate from material surfaces. Examples: carpet, paint, glues.	VOC's