



Electric power for the library is generated by solar-powered (or photovoltaic)

panels which are mounted to the trellis over the walkway between the Library and Annex buildings. The solar panels can generate up to 65,486 kWh (kilowatt-hours).

PICO BRANCH LIBRARY LEED ATTRIBUTES (LEADERSHIP IN ENERGY & ENVIRONMENTAL DESIGN)



Photograph by William Short

The library's light and reflective roof keeps the building cool. Light colored paving and concrete outside reduces "heat islands" which contribute to higher temperatures and smog.



The library saves water through smart landscaping and high efficiency plumbing fixtures. Rainwater is collected from the roof in a cistern, filtered and reused for toilets. The cistern holds up to 11,000 gallons of water, allowing for as many as 9,000 flushes.



Site trees and plants are watered through a permeable paving mat which allows rainwater to soak through to the roots.

The library saves energy through the use of high-efficiency LED and fluorescent lighting fixtures. Daylight is harvested via skylights, north-facing clerestories, trellises and large windows with overhangs and shade canopies.



A clerestory is a window high above eye level. Its purpose is to bring outside light, fresh air, or both into the inside space. A trellis is an open lattice or framework of interwoven or intersecting pieces of wood, metal or other building materials.



SANTA MONICA PUBLIC
LIBRARY



Walk, bike or ride the bus to the library. The library is located near local municipal bus stops. Bike lockers and new bike racks were installed. The library is located in a public park with two existing parking lots and no additional parking spots were needed.



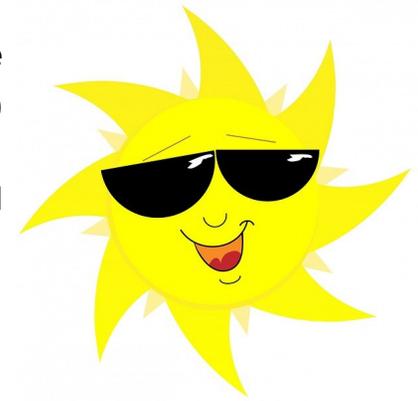


The Pico Branch Library is located in the LEED Silver-rated Virginia Avenue Park. What does LEED stand for?

Solar-powered panels generate on-site electric power. This means electricity is made from the sun. What is powered by electricity in the library?

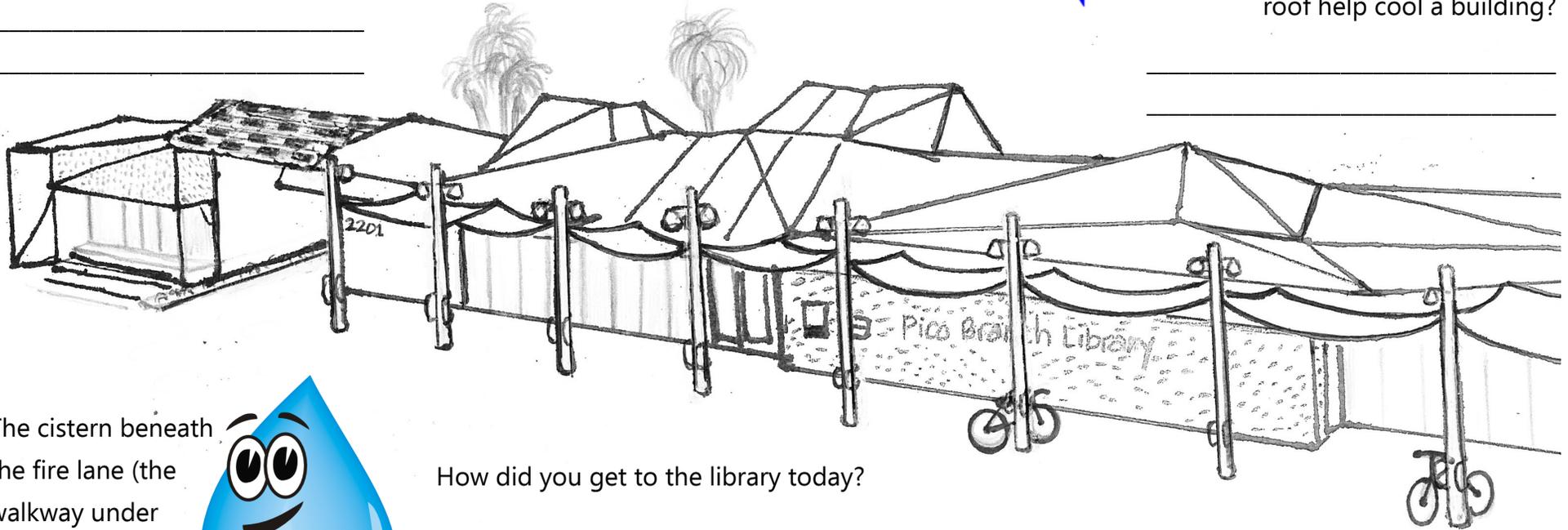
From how many directions does light come into the library? (Circle all that apply)

North South East West Overhead



How does a light-colored roof help cool a building?

How many recycling containers have you found in the library? _____



The cistern beneath the fire lane (the walkway under the trellis) holds 11,000 gallons of rain water.



How many toilet flushes is that? (circle one)

11,000 9,000 10,000

How did you get to the library today?



5 stars if you walked or rode your bike.



3 stars if you took the bus.

Bike lockers and new bike racks are available at the library. How are bicycles better for the environment than cars?

