Overview

• Water Use
• Food Forest
• Site and Landscape Design
• Adult & Youth Education
• Final Installation
• Lessons Learned
• Next Steps…
Average Daily Water Usage

- **120 GALLONS**
- **24 HOURS**

- **7 Other**
- **10 Household Cleaning**
clothes washer, dishwasher, etc.
- **11 Faucets**
- **13 Showers & Baths**
- **14 Toilets**
- **65 Outdoors**
landscaping, pools, leaks, etc.

Outdoor: 65 Gallons Per Day
Indoor: 55 Gallons Per Day

We Like to Eat!

Can’t Eat

Can Eat!
If you have a garden and a library, you have everything you need.
~ Cicero
Food Forest

Source: www.onecommunityglobal.org/food-forest
Site:
• Approx. 3,000 sq. ft.
• Plant criteria: low-water-use and medicinal/edible
Desert Food Forest Design
Adult Education

Green Living Series

Glendale Main Library | 5959 W. Brown St.
Free classes to help residents create a more water & energy efficient home.

Wed. | Sept. 6 | 6 to 7:30 p.m.
From Garden to Table: Desert Herb Gardening
Do you want to start growing fresh herbs in your garden? A variety of hardy herbs, including rosemary, oregano, and thyme, grow well in the low desert and can easily be included in your garden. This class will cover plant selection, soil preparation, and proper watering. Don't miss it!

Sat. | Oct. 7 | 10 a.m. to Noon
The 123's of Landscape Watering
Protect your landscape investment by learning how to properly water your plants. Learn about the basic components of an irrigation system and how to use an irrigation timer. Receive the "Landscape Watering 101" guide that takes you through how much, how long, and how often to water your plants.

Sat. | Oct. 21 | 10 a.m. to Noon
Create Your Own Desert Food Forest
Attention all foodies! Grow your own and eat it too! The Linking Edible Arizona Forests (LEAF) Network will be teaching this class on how to create a desert food forest in your yard. Mesquite, prickly pears, and agave are just a handful of tasty plants that thrive in the low desert. Gain a new appreciation of the Sonoran Desert by learning about different kinds of edible trees and shrubs, including how to plant, harvest, and tend to them. Attendees will receive a free desert edible plant at the end of the class (one plant per household, first come, first served). Funded by the Arizona Department of Family and First Management, and the USDA Forest Service. This instruction is an equal opportunity provider.

Wed. | Nov. 8 | 6 to 7:30 p.m.
Backyard Composting
Are you interested in turning your kitchen scraps and yard waste into compost? Copy Mother Nature's original system of recycling organic materials into rich soil nutrients. Learn from Pam Perry, a local garden expert, the keys to making your compost excellent and your garden flourishes. Attendees will receive a free happy garden, which makes for a happy gardener! Visit a composter composed by the Glendale Recycling Division or participating in a free service.

What was the most valuable part of today’s class?
Discovering plants and trees that are edible and the best to plant in my micro-environment.

What will you do differently as a result of this class?
Plant new trees smarter.
Youth Education

Hotel Saguaro

Join us for a free puppet show and learn about the importance of the saguaro cactus in the Sonoran Desert.

Pre-show activity:
Taste Your Yard
Learn about edible plants that grow in your backyard.

Foothills Library
Monday, June 26
Taste Your Yard: 2:30 – 3 p.m.
Hotel Saguaro: 3 – 4 p.m.

Velma Teague Library
Wednesday, July 5
Taste Your Yard: 1:30 – 2 p.m.
Hotel Saguaro: 2 – 3 p.m.

Main Library
Thursday, July 13
Taste Your Yard: 1:30 – 2 p.m.
Hotel Saguaro: 2 – 3 p.m.

First-come, first-served.
Recommended for K-3rd grade, families and tourists.
Not for preschool groups.

Sponsored by the Glendale Water Services Department and funded through the Arizona Department of Forestry and Fire Management, and the USDA Forest Service. This institution is an equal opportunity provider.
Taste Your Yard
Desert Food Forest – Spring 2018
Eat Your Yard!
The Desert Can Feed You

Growing an edible food forest offers multiple benefits...
- Produces food for people and wildlife
- Provides clean air, shelter and shade
- Conserves water and energy

Choose native plants with differing fruiting seasons to enjoy food year-round.

Research all plants before harvesting to identify which varieties are edible and safe to eat.

Avoid using herbicides and pesticides to protect people, wildlife and the environment.

Choose a variety of trees, shrubs, vines and ground cover plants. Plants of varying heights mimic a natural forest.

Group plants in clusters to maximize food production in small urban spaces.

For more information, visit www.glendaleaz.com/WaterConservation

Funded through the Arizona Department of Forestry and Fire Management and the USDA Forest Service. This institution is an equal opportunity provider.
Lessons Learned...

- Desert edible plants are hard to find
- Observations after installation

**Upper Canopy**
- Foothills Palo Verde
  *Parkinsonia microphyllum*

**Groundcover**
- Purslane
  *Portulaca oleracea*

**Herbaceous**
- Amaranth
  *Amaranthus cruentus*

“Wildlife”
- Peafowl
  *Pavo cristatus*
Getting the Word Out

Sustainable Cities Network (SCN) Partner News – City of Glendale Desert Food Forest

Posted on September 6, 2017 by erugland

Earlier this summer, the City of Glendale Water Services Department sponsored three "Hotel Saguaro" puppet shows during the Glendale Library's busy summer reading program. A unique pre-show activity called "Taste Your Yard" allowed participants to learn about desert edible and medicinal plants. The City partnered with Maricopa County Master Gardeners, Library teen volunteers, and Trees Matter to staff interactive stations where participants made mesquite flour and sampled desert edibles, such as prickly pear candy, agave syrup, and pomegranate juice. This popular session demonstrated the need for more opportunities to learn about desert food—thankfully, development of the Desert Food Forest was underway.

Trees Matter added 3 new photos — at Glendale Public Library.

July 13, Glendale

We had so much fun discussing how families can taste their yard including trees! Thanks to Glendale Water Conservation & Xeriscape Garden for inviting us. We also loved watching "Hotel Saguaro" by Great Arizona Puppet Theater!
Sparking the Community’s Interest

The Glendale Desert Food Forest was awarded the coveted Crescordia Award at the Arizona Forward’s 38th Annual Environmental Excellence Awards Ceremony!
Next Steps...

- Installed additional plants with Friends of the Garden volunteers
- More adult & youth education opportunities to come
Thank You Partners!
Resources

• desertharvesters.org
• leafnetworkaz.org
• issuu.com/edibleba
• glendaleaz.com/xeriscapedgarden
Questions?

Thank you!

Anne Stahley
astahley@glendaleaz.com
623.930.3550