



### **Tye Preston Library – Water Conservation Workshops**

These workshops were developed in response to common questions and concerns about various topics related to water conservation, rain gardens, grass, water quality, pollinators, planting & pruning, and ecological issues. The workshops provide overviews (with questions and answers) for hill country residents to better understand water conservation needs.

**Scheduled are 6 sessions, 1.5 hours each from 12:00 noon to 1:30 pm, beginning Friday June 5<sup>th</sup> and continuing through July. 31<sup>st</sup>**

#### **June 5 – Aquifers**

**Dr. Sunn & Dr. Grainger**

We'll discuss aquifer types, current Comal County water table levels, our two types of aquifers, common misconceptions about aquifers, rates at which groundwater moves through an aquifer, depletion and replenishment rates, and natural filtration.

#### **June 12 – Rain Harvesting**

**Dr. Grainger & Dr. Sunn**

Learn how to capture rain for potable or irrigation purposes. We'll discuss understanding rainwater needs, storing rainwater, assessing a rainwater collection area, filtering leaves & debris, water filtration, monitoring the water level, and caring for your system.

#### **June 26 – Rain Barrels and Wicking Gardens**

**Dr. Grainger & Dr. Sunn**

The basics and benefits of rain barrels; we'll build a rain barrel on site. We'll give the barrel away to a lucky attendee and discuss how you can build your own rain barrel with basic supplies and some simple steps. The session also includes a demonstration on building wicking containers. Two units will be built in the workshop & will be given to an attendee.

#### **July 10 – Find and Fix Leaks at Home**

**Dr. Larry Sunn**

This workshop will guide you through the process of finding common household water leaks, as well as providing tips for optimizing indoor water efficiency. You'll learn how to check your toilet for leaks, inspect common places you may find leaks, and how to find "sneaky leaks."

#### **July 24 – Drip Irrigation**

**Dr. Sunn**

We'll show you how to install a system from the spigot out to the garden. You do not need special, dedicated water pipes. Bit by bit, fitting by fitting, we'll discuss installing the system components as you watch and learn.

#### **July 31 – Rain Gardens, & Prairie Ponds**

**Dr. Steven Grainger**

In this session we'll discover design techniques used for planning, building, and maintaining a rain garden. This session will cover some background science, site investigation, design, plant and material selection, as well as installation.