

Trees Protect Our Health



Improve Air Quality

- Consume carbon dioxide
- Produce oxygen
- Trap pollution

Reduce Air Temperature

Absorb Noise

Provide Food and Shelter

Produce nuts, fruits and sugars edible by animals, including humans

Roots

Absorb pollutants including heavy metals, bacteria, nitrogen and phosphates

Stabilize the ground reducing erosion

Absorb water

You Can Make a Difference

Adopt a Community Tree

- 1) Water trees when newly planted and during droughts
- 2) Report vandalism
- 3) Encourage your town/city to become a Tree City USA: pass a Tree Ordinance, have a tree inventory, fund trees

Plant a Tree

Trees vary in needs for water, sun light and space.
Plant the right tree in the right spot for success.

Deciduous trees provide shade and cooling in the summer while letting the sun's heat and light through during the winter. Evergreen trees provide a wind and noise break year round.

Deciduous Trees		Evergreen Trees	
Summer	Winter	Wind	Noise
			

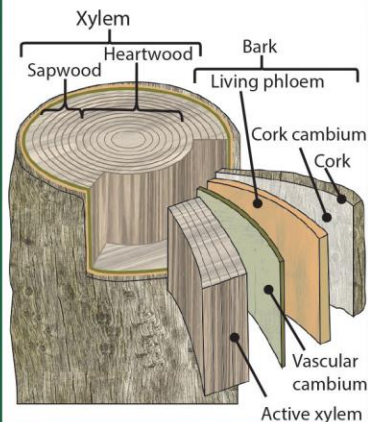
To Prevent Tree Damage, Mulch Correctly

DO NOT Volcano Mulch



Mulching eliminates the need to mow close to the tree. Mowing or weed whacking up to the tree can damage the bark.

Kill the Bark, Kill the Tree



Bark Protects the Tree

Bark is the Living Tissue of the Tree

Phloem moves sugar throughout the tree.

Vascular cambium generates the cells to create xylem and phloem.

The active xylem (sapwood) carries water and nutrients from the roots to the tree.

Heartwood (old xylem) supports the tree.

