

BASIC PLANT SCIENCE--HOW PLANTS GROW

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Time: 4 hour workshop, including lecture, visual aids, discussion, and hands-on demonstrations.

OUTLINE:

I. Plant Parts and Their Function

1. Roots
2. Crown
3. Trunk/stems
4. Nodes/internodes
5. Leaves
6. Flowers
7. Fruits/seeds

II. How Plants Grow

1. Photosynthesis (how plants make energy)
2. Root growth and function (how plants get their food)
3. Vascular system (how fluids move up the plant)
5. Transpiration
6. Plant nutrition

III. Plant Groups

1. Monocots and Dicots
2. Landscape plant types
3. "Weeds"
4. Grasses

IV. How The Above Relates To Basic Landscape Functions

1. Watering
2. Fertilizing
3. Pruning, Trimming, Pinching
4. Weed Control
5. Mowing

Workshop Goals:

1. To provide participants with a basic understanding of how plants grow.
2. To relate this information to a gardener's daily tasks
3. To improve the participant's landscaping skills so they can make better decisions in the field.
4. Help the participants work smarter, not harder