

CMG GardenNotes #146

## Work Sheet: Plant Structures

The objective of this worksheet is to give students experience systematically looking at plant parts and connecting what they see with print information.

### 1. Flower parts

#### a. Locate and draw the parts of the flower

1. Anthers
2. Calyx
3. Corolla
4. Filament
5. Ovary
6. Pedicel
7. Petals
8. Pistil
9. Receptacle
10. Sepals
11. Stamen
12. Stigma
13. Style

**2. Identify the type of flower inflorescence**

	Flower	Inflorescence Type		Flower	Inflorescence Type
a			d		
b			e		
c			f		

**3. Identify the type of fruit**

	Fruit	Fruit Type		Fruit	Fruit Type
a			b		

**4. Annual Growth**

Examine twigs on two different species of trees, looking for the annual growth rings (terminal bud scars). Based on *annual growth rings (terminal bud scars)*, measure or estimate the annual growth for the past three years to the nearest inch. Note: The annual growth rings are easy to read on some species and more difficult on other species.

Tree 1

New growth (season 1) \_\_\_\_\_  
 Previous season (season 2) \_\_\_\_\_  
 Three years back (season 3) \_\_\_\_\_

Tree 2

New growth (season 1) \_\_\_\_\_  
 Previous season (season 2) \_\_\_\_\_  
 Three years back (season 3) \_\_\_\_\_

CMG GardenNotes #147

## Homework: *How Plants Grow*

Answer the following questions

1. Why is it important to use technical terms in conversations about plant care and plant disorders?
2. Why is it important to use scientific names for plants rather than just common names?
3. What observational skills are important in plant identification and diagnosis?

4. **What is the value of using a key rather than trying to match pictures in a book?**
5. **List five questions that you could ask a client to gain understanding on the environmental conditions important to plant health in their landscape.**