

**HSSU 201 - Plants and People,
Study Guide – Chapter 3 – The Plant Body**

Important Terms and Concepts

Plant Tissues
Meristems
Primary Growth
Apical Growth
Secondary Growth
Vascular Cambium

Dermal Tissue

Epidermis
Cuticle
Cutin
Hairs (Trichomes)
Stomata
Guard Cells

Ground Tissue

Parenchyma
Collenchyma
Sclerenchyma

Vascular Tissue

Veins
Xylem
Phloem
Tracheids
Vessel Elements
Sieve tube
Sieve Plate
Companion Cells

Stems

Vascular Bundles
Herbaceous
Woody
Pith
Cortex
Annual Ring
Springwood
Summerwood
Vascular rays

Roots

Taproot
Fibrous Root
Root Cap
Root Meristem
Endodermis
Root hairs
Stele

Leaves

Blade
Petiole
Node
Internode
Alternate
Opposite
Whorled
Simple leaves
Compound Leaves
Pinnately Compound
Palmately Compound
Parallel Venation
Net Venation
Mesophyll
Palisade
Spongy