

# **Biology 11**

## **Seed Plant Review**

### **Chapter 22-1**

- **adaptations – roots, stems, leaves, vascular tissue (xylem/phloem), flowers, cones, pollen, seeds** ☾  
**recognize the benefits these adaptations provide**
- **evolution and classification of seed plants**

### **Chapter 22-2**

1. **gymnosperms – characteristics and adaptations (cones, scales, needle shaped leaves), conifers**
2. **angiosperms – characteristics and adaptations (flowers and fruit) subdivisions**
  - a. **monocots**
  - b. **dicots****know the characteristics of each (page 475)**

### **Chapter 25-1**

## **Life cycles**

**Gymnosperms ☾ meiosis, fertilization, haploid/diploid, zygote, ovule, pollen grains, cones/scales, pollination**

**Angiosperms ☾ parts and functions of the flower**

**☾ meiosis, double fertilization, haploid/diploid/triploid, zygote, endosperm, pollen, egg, polar nuclei, ovules, pollination**