

**HSSU 201 - Plants and People,  
Study Guide - Chapter 2, The Plant Cell**

Cell Theory  
Microscopes  
Light Microscope  
Scanning Electron Microscope  
Transmission Electron Microscope

Telophase  
Cytokinesis

Cell Wall  
Protoplast  
Primary Wall  
Cellulose  
Secondary Wall  
Lignin  
Pits  
Plasmodesmata

Membranes  
Phospholipids  
Proteins  
Fluid Mosaic model

Organelles  
Chloroplast  
Mitochondrion  
Chromoplast  
Leucoplasts  
Amyloplast  
Vacuole  
Endoplasmic Reticulum  
Golgi Apparatus  
Ribosomes  
Nucleus  
Nuclear Pores  
Chromatin  
Chromosomes  
Nucleolus  
Transcription

Cell Division  
Interphase  
Mitosis  
Prophase  
Metaphase  
Anaphase