

Asexual & Sexual Reproduction-

DNA- deoxyribonucleic acid

RNA- ribonucleic acid

Chromosomes-

Genes- locations where instructions for traits occur

Nucleotides-                      Vegetative Propagation-

Chromatin-

Binary Fission-

Spores-

Cell cycles-                      Fungi-                      Sporangiothecium-

Budding-                      Yeast-

Clones-

Mitosis- know all phases and be able to recognize these phases by sight (what it looks like) and by associated activities (what is happening at that particular time)

Bacterial Growth-                      Agar-                      Petri Dish-

Antibiotic Resistance-                      Temperatures                      pH-

Cedar-

Microscopes-

Eyepiece-                      Revolving Nosepiece-                      Objective-

Diaphragm-                      Stage-                      Light Source-

Measuring Field of View-                      Samples are Translucent

Gamete Formation-

Meiosis-

Sperm Cells-

Egg Cells-

#of copies of DNA

1N or

2N

Haploid-

Diploid-

Sex Cells-

Identical or Fraternal Twins-

Homologous Chromosomes-

Sister Chromatids