**TERMS: DNA**

**DNA**

Chromatin

Chromosome

Chromatid

Histones

Nucleosome

Centromere

Kinetochore

Telomere

Homologous Chromosomes

Karyotype

n

Helicase

Topoisomerase

Ligase

DNA polymerase

Semi-conservative

Okazaki fragment

DNA polymerase

**Cell Division**

Binary Fission

Mitosis

Meiosis

Spindle

Centriole

Haploid

Diploid

Gamete

Zygote

Somatic cell

Germ cell

Autosome

Crossing over

Synapsis

Nondisjunction

Interphase

S phase

G1 phase

G2 phase

G0 phase

Cytokinesis

Cyclin

Cyclin dependent kinase

Mitosis promoting factor

**Genetics**

Mendel

Morgan

Loci

Gene

Allele

Mutant

Wild type

P, F1, F2

Genotyope

Phenotype

Dominant

Recessive

Homozygous

Heterozygous

Law of segregation

Law of independent assortment

Linked genes

Incomplete dominance

Codominance

X-linked inheritance

Multiple alleles

Polygenic inheritance

Epigenetics

Methylation

Acetylation