Be able to define the following terms

1. Somatic
2. gamete
3. homologous
4. homozygous
5. heterozygous
6. incomplete dominance
7. codominance
8. haploid
9. diploid
10. genotype
11. phenotype
12. chromosome
13. Allele
14. Hybrid

Be able to answer the following questions

1. . What are the four phases of Mitosis?
2. What are the parts of the cell cycle?
3. What are the parts of the DNA molecule?
4. Which is the longest cycle of the cell cycle?
5. Which part of the cell cycle is DNA replicated?
6. What are the three parts of a nucleotide?
7. What are the four bases of DNA?
8. Who are the scientists involved in the discovery of DNA?
9. How is DNA replicated?
10. Cross the following plants Tt x tt.
11. Be able to figure out the genotypic and phenotypic ratio of a Punnett square