



# Genetics & Heredity

TERMS: Chapter \_\_\_\_\_; pg. \_\_\_\_\_

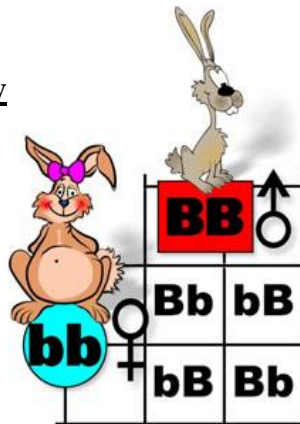
## 4-1: Mendel's Work

1. Heredity
2. Trait
3. Genetics
4. Fertilization
5. Gene
6. Alleles
7. Dominant Allele
8. Recessive Allele
9. Purebred
10. Hybrid



## 4-2: Probability and Heredity

11. Probability
12. Punnett Square
13. Phenotype
14. Genotype
15. Homozygous
16. Heterozygous
17. Codominance



## 4-3: The Cell & Inheritance

18. Meiosis

## 4-4: The DNA Connection

19. Mutation
20. Pedigree

## **Standard 4: Understands the principles of heredity and related concepts**

SC7.4.3 Understands sexual reproduction.

SC7.4.4 Knows that heredity information is contained in genes.

SC7.4.5 Knows that the characteristics of an organism can be described in terms of a combination of traits.

## **Standard 11: Understands the nature of scientific knowledge**

## **Standard 13: Understands the scientific enterprise.**