

## Gene

A section of a chromosome responsible for a trait

## Allele

A form of a gene, often dominant or recessive

## Chromosome

A portion of DNA containing genes

## Phenotype

The visible expression of your genes

# Genotype

An alphabetic expression of your genes

## Homozygous Dominant

A genotype which carries both dominant alleles

## Homozygous Recessive

A genotype which carries both recessive alleles

## Heterozygous

A genotype which carries both a dominant and recessive allele

## DNA

Genetic material stored in the nucleus as genes or chromosomes

## Karyotype

The graphic representation of an organism's chromosomes

## Heredity

The study of how genetic traits are passed from one generation to the next

## Probability

The mathematical chance of an event happening

# Vocabulary Matching Instructions:

Print out 3 copies of the list with definitions.  
Keep one copy for reference

Cut out and separate words from definitions

Tape words to index cards

Tape definitions to different index cards

Pass out word cards to half the students

Pass out definition cards to other half of students

Ask students to find the word-definition match

When students find match have them bring it to teacher

Give students new cards to go & find match

Continue activity until students have had numerous matches, then pass out vocabulary worksheet

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Periods: \_\_\_\_\_

Write the definition for the following words.

1. DNA: \_\_\_\_\_

2. Gene: \_\_\_\_\_

3. Allele: \_\_\_\_\_

4. Chromosome: \_\_\_\_\_

5. Karyotype: \_\_\_\_\_

6. Phenotype: \_\_\_\_\_

7. Genotype: \_\_\_\_\_

8. Homozygous Dominant: \_\_\_\_\_

9. Homozygous Recessive: \_\_\_\_\_

10. Heterozygous: \_\_\_\_\_

11. Heredity: \_\_\_\_\_

12. Probability \_\_\_\_\_