

## AP Biology Vocabulary Study Sheet 4

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| 1. genotype              | A set of alleles that determines the expression of a particular trait.   |
| 2. global warming        | The increase in carbon dioxide and other gases causing heat to be trapped raising the temperature of the earth.                                    |
| 3. glycerol              | The three carbon backbone molecule of the triglycerides.   |
| 4. glycogen              | The polysaccharide that is how animals store glucose in their liver.   |
| 5. gonads                | The site of meiosis in humans that includes the ovaries and testes.  |
| 6. haploids              | Cells that have one copy of each kind of chromosome.   |
| 7. heterotroph           | An organism that cannot manufacture its own food and instead obtains its food and energy by taking in organic substances.                          |
| 8. heterozygous          | Pair of genes where one is dominant and one is recessive.  |
| 9. homeostasis           | The condition in animals where they keep their internal environment constant for a specific characteristic often as a result of negative feedback. |
| 10. homozygous           | The description of an individual who has the same allele for a trait on both homologous chromosomes.   |
| 11. hydrogen bond        | The weak intermolecular bond that forms between water molecules that causes them to "stick" to each other.   |
| 12. hypothesis           | A testable explanation for a question.   |
| 13. incomplete dominance | The type of inheritance where the heterozygous individual has a blend of the dominant and recessive trait.   |
| 14. independent variable | The one difference between the experimental group and the control group.   |
| 15. innate               | Behavior of an organism that is not learned and is genetically determined.   |