

**Vocabulary Review** – Use the webquest, notes or textbook to help you match the vocabulary term to its definition vocab terms may be used once or twice. ALL will be used.

- \_\_\_\_\_ 1. Father of Genetics
- \_\_\_\_\_ 2. States that some alleles are dominant and others are recessive
- \_\_\_\_\_ 3. The pollen from one plant fertilizes the ova from a **different** plant
- \_\_\_\_\_ 4. The pairs of alleles present in a hybrid organism are
- \_\_\_\_\_ 5. Only one copy of this allele must be present in order to see this trait
- \_\_\_\_\_ 6. A segment of DNA that encodes information for a specific trait.
- \_\_\_\_\_ 7. Term referring to the alternate variations in a trait(ex. Brown hair vs blond hair)
- \_\_\_\_\_ 8. An organism's genetic make-up
- \_\_\_\_\_ 9. Organism that has two different copies of an allele
- \_\_\_\_\_ 10. Pairs of chromosomes encoding information for the same traits.
- \_\_\_\_\_ 11. Organism that has two of identical copies of an allele
- \_\_\_\_\_ 12. The pairs of alleles present in a pure-bred organism are
- \_\_\_\_\_ 13. When an organism produces gametes, the two alleles separate from one another so that the each gamete carries only one allele.
- \_\_\_\_\_ 14. Physical appearance of an organism
- \_\_\_\_\_ 15. Two copies of this trait must be present in order to see this trait.
- \_\_\_\_\_ 16. The pollen from one plant fertilizes the ova from the **same** plant.

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| A. Allele                 |
| B. Cross-fertilization    |
| C. Dominant               |
| D. Gene                   |
| E. Genotype               |
| F. Gregor Mendel          |
| G. Heterozygous           |
| H. Homologous chromosomes |
| I. Homozygous             |
| J. Law of Segregation     |
| K. Phenotype              |
| L. Principle of Dominance |
| M. Recessive              |
| N. Self-fertilization     |