

Name: _____ Date: _____ Period: _____

Heredity & Genetics

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| 1. Passing of traits from parents to offspring | A. Genome |
| 2. Characteristics of an organism | B. Dominant Trait |
| 3. Complex molecule that contains instructions for genetic information | C. Allele |
| 4. Segment of a chromosome that codes for a specific trait | D. DNA |
| 5. An organism's complete set of genetic material | E. Gene |
| 6. Multiple DNA strands in the nucleus | F. Homozygous |
| 7. A form of gene that controls a trait | G. RNA |
| 8. The genetic makeup of an organism | H. Meiosis |
| 9. A picture of chromosomes arranged by size | I. Heterozygous |
| 10. Diploid Cells that divide to separate their pairs of chromosomes | J. Heredity |
| 11. A "stronger trait" | K. Chromosome |
| 12. A "weaker" trait | L. Genotype |
| 13. Contains two of the same allele for a trait | M. Recessive Trait |
| 14. Contains different alleles for a trait | N. Traits |
| 15. Performs functions such as coding genes, regulating genes, expressing genes, and making proteins | O. Karyotype |