

Name: _____ Date: _____ Period: _____

Heredity and Genetics

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| 1. This is a double-stranded helix | A. Instincts |
| 2. This contains uracil instead of thymine | B. 46-XX |
| 3. Passing of traits from parent to offspring | C. Traits |
| 4. Characteristics of an organism | D. Chromosomes |
| 5. Fix behaviors that are not learned | E. Genetic engineering |
| 6. Example of inherited trait | F. "Nature s. Nurture" |
| 7. great scientific debate about what traits are controlled by genetics or experiences | G. Gene |
| 8. Segments of DNA that codes for traits | H. Genotype |
| 9. The study of heredity | I. Heredity |
| 10. multiple strands within the nucleus | J. Allele |
| 11. Segments of chromosomes | K. eye color |
| 12. Pairs of genes that control traits | L. Gene |
| 13. Genetic makeup of an organism | M. Gregor Mendel |
| 14. physical appearance or traits of an organism | N. 46-XY |
| 15. Humans have this many chromosomes | O. Genetics |
| 16. Female chromosome | P. DNA |
| 17. Male chromosome | Q. Karyotyping |
| 18. Arranging picture of chromosomes is called | R. RNA |
| 19. First to study traits passed from parents to offspring | S. Phenotype |
| 20. The manipulation of an organisms genome | T. 46 or 23 pairs |