

Name: _____ Date: _____

Science words and definitions

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| 1. A genotype made of two different alleles | A. Pedigree |
| 2. The different versions of a gene for a specific trait (hair color) | B. recessive |
| 3. Observable traits that show as a result of a pair of alleles (tall) | C. Dominant |
| 4. Segments of DNA found in chromosomes that give instructions for producing certain characteristics | D. Codominance |
| 5. The passing of traits/genetic material from parent to offspring | E. Homozygous |
| 6. A genotype made of two of the same alleles | F. Gene |
| 7. The two letters that represent the alleles that an organism received from its parents (for example Tt) | G. phenotype |
| 8. The traits from both parents appear in the offspring | H. Heterozygous |
| 9. The study of how traits are inherited through the actions of genes | I. Genetics |
| 10. The trait or gene that covers other traits or genes | J. Heredity |
| 11. The two alleles blend together to produce a trait | K. Alleles |
| 12. A diagram that traces the occurrence of a trait through generations in a family | L. Incomplete Dominant |
| 13. The trait or gene that is hidden by other traits or genes | M. Punnett Square |
| 14. A tool used to predict genetic results for offspring in a given cross of two parents | N. Genotype |