

Name: _____ Date: _____ Period: _____

Growth & Heredity

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|------------------------------------------------------------------------------------|---------------------------|
| 1. The passing on of characteristics or traits to offspring | A. Hybrid |
| 2. Different forms of a gene | B. Genotype |
| 3. An organism with the same or identical alleles for a trait | C. Probability |
| 4. An organism that produces identical offspring when allowed to self-pollinate | D. Heredity |
| 5. The scientific study of heredity | E. Dominant trait |
| 6. Having different forms of an allele for a specific trait | F. F2 Generation |
| 7. Specific characteristic such as seed color, height, eye color, etc. | G. Gene |
| 8. The allele form of a trait that shows (phenotype) in the organism | H. Heterozygous |
| 9. Physical appearance (described in words) | I. allele |
| 10. Offspring from a cross between two parents with different traits | J. Punnett Square |
| 11. The chances that a particular event will occur | K. Recessive allele |
| 12. The genetic makeup of an organism (think in terms of letters) | L. Homozygous |
| 13. Sequence of DNA on a chromosome that codes for a particular trait | M. Trait |
| 14. Drawing that can be used to predict the outcomes of a genetic cross | N. True-breeding/Purebred |
| 15. An allele or factor that is masked or hidden when a dominant allele is present | O. F1 Generation |
| 16. Offspring from the mating or crossing of parents | P. Genetics |
| 17. Offspring resulting from the cross of the F1 generation | Q. Phenotype |