November 4-8 vocabulary

Heredity – the passing of physical characteristics from parent to offspring

Alleles – different forms of a gene

Hybrid – an organism with two alleles for a trait

Purebred – offspring of many generations that have the same trait

Trait – each form of a characteristic

Dominant allele – trait that always shows up when the allele is present

Recessive allele – hidden whenever the dominant allele is present

Punnett square – chart that shows all possible combinations of alleles for a genetic cross

Phenotype – physical appearance of visible traits

Genotype – genetic makeup or allele combination

Homozygous – two identical alleles for a trait, for example SS or ss

Heterozygous – two different alleles for a trait, for example Ss

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