

Genetics Study Guide

1. What traits of a plant could be affected by environment?
2. What are 2 names for the blueprint that gives plants & animals all the characteristics they begin life with?
3. What part of the body copies DNA?
4. Why do offspring often look like their parents?
5. If two siblings have the same eye color, what can be concluded about the parents?
6. Why might two rabbits who live in the same forest look alike?
7. If a mama dog is 37" tall and a daddy dog is 45", where will their offspring's heights probably fall?
8. If a mom has red hair and her child has blond hair, what is *most likely* true about the child's father?
9. What are some inherited characteristics that would protect animals from predators?

Trait	Inherited, Acquired, Both?	Trait	Inherited, Acquired, Both?
Hair color		Height	
Eye color		Weight	
Balancing a ball		Speed	
Dog doing a trick		Teeth shape	
Chimp communicating with sign language		Music preference	
Spider spinning a web		Ability to read	
Webbed feet		Ability to ride a bike	
Missing tooth		Bruise	
Eyesight		Whining to get your way	
Long hair		Shoe type	
Rolling your tongue		Fur color	
Hair style		Cooking skills	
Ability to run fast		Animal swimming	
Fingerprints		Shape of nose	
Favorite food		Interest in sports	
Ability to speak French		Attitude	
Work ethic		Color blindness	

