

GENETICS REVIEW

Start Here!

SECRET MESSAGE

Genetics

1. What is considered the father of genetics?	2. What term describes all the genetic information needed for an organism to develop and function?	3. What do we call the different forms or versions of a gene?	4. What is a genotype with two identical alleles?
5. What is the term for the physical trait that you can see, like blue eyes?	6. Which tool do scientists use to predict the possible genetic combinations of offspring from two parents?	7. If T = tall and t = short, which genotype represents a heterozygous pair?	8. What term describes the genetic makeup of an organism, including what is expressed and what is hidden?
9. If a heterozygous parent mated for fur color (Bb) crossed with a homozygous recessive parent (bb), what percent of offspring will be heterozygous?	10. What is a cross used to study one trait in parents and offspring called?	11. What is the pairing of traits from parents to offspring called?	12. Which type of allele is masked by another allele, and represented with a lower case letter in a Punnett square?
13. Which type of allele is needed on both sides and represented with an upper case letter in a Punnett square?	14. If two heterozygous dominant dogs (Bb) are crossed, what is the offspring's genotype?	15. Two blue-eyed people (bb) have children. What is the genotype of all their offspring?	16. What is a genotype with two different alleles called?

Points 0/16

What is a leprechaun's favorite dance move?

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E A M A
H R T H
S K C K
O H S E

Finish Here!

