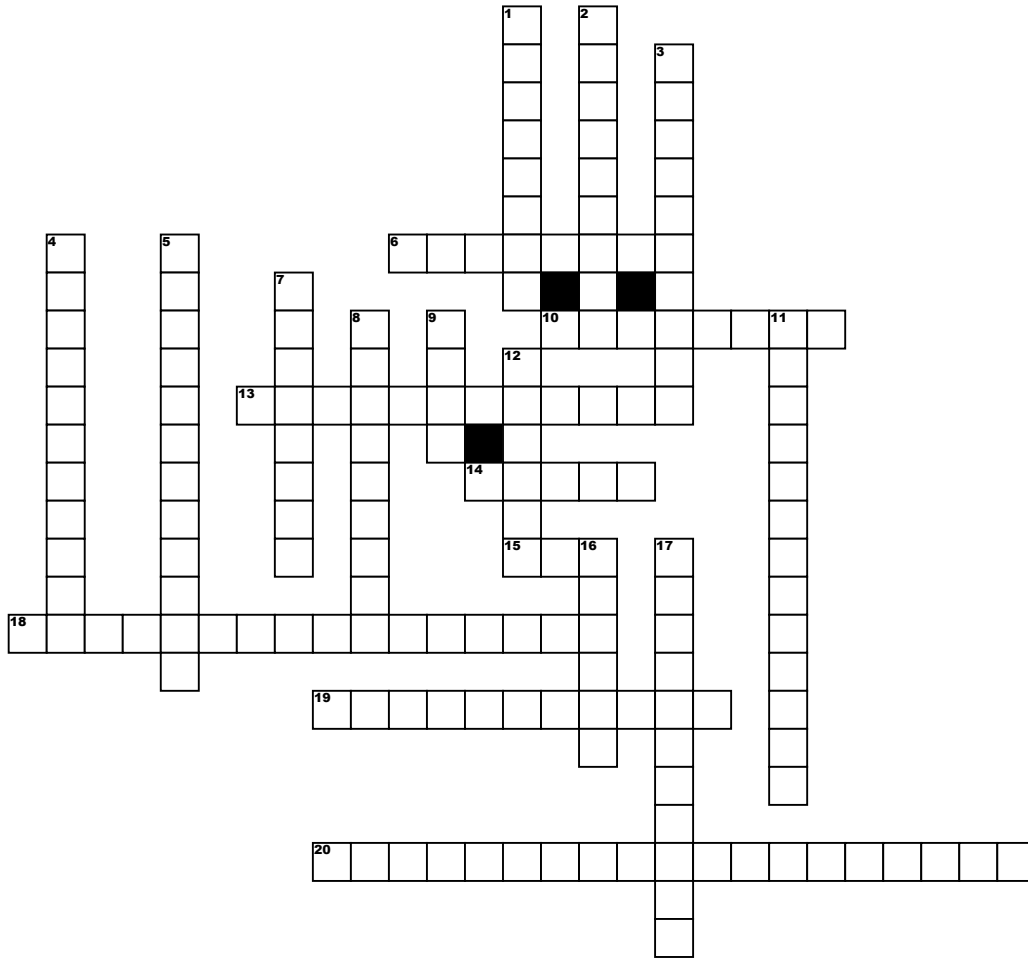


# Dont get a "D"na on this!



**Across**

6. The passing of traits from parent to children.

10. genetic makeup of an organism

13. having two different alleles for a trait

14. A characteristic that an organism can pass on to its offspring through its genes.

15. deoxyribonucleic acid, the material that contains the information that determines inherited characteristics

18. a gamete, ex. sperm or egg

19. the liklihood of a particular outcome

20. the phenotype results in a blend of two different alleles

**Down**

1. an organism that always produces offspring with the same form of a trait as the parent

2. A trait that can be passed down, but also can be masked by a dominant trait.

3. having two identical alleles for a trait

4. when an organism that has both alleles of a gene displays both phenotypes at the same time.

5. map of all the human genes

7. The study of genes, genetic variation, and heredity in living organisms.

8. physical characteristics of an organism

9. Bonus:Whats Mrs.Mildon's favorite element?

11. a chart that shows all the possible combinations of alleles that can result from a genetic cross

12. An organism that has two different alleles for a trait.

16. The different forms of a gene.

17. any cell in the body except for a sex cell

**Word Bank**

Human Genomea

phenotype

somatic cell

genotype

Allele

DNA

Neon

homozygous

heterozygous

sex cell/ germ cell

Punnett Square

probability

hybrid

codominance

Trait

Heredity

Genetics

Recessive

purebred

incomplete dominance