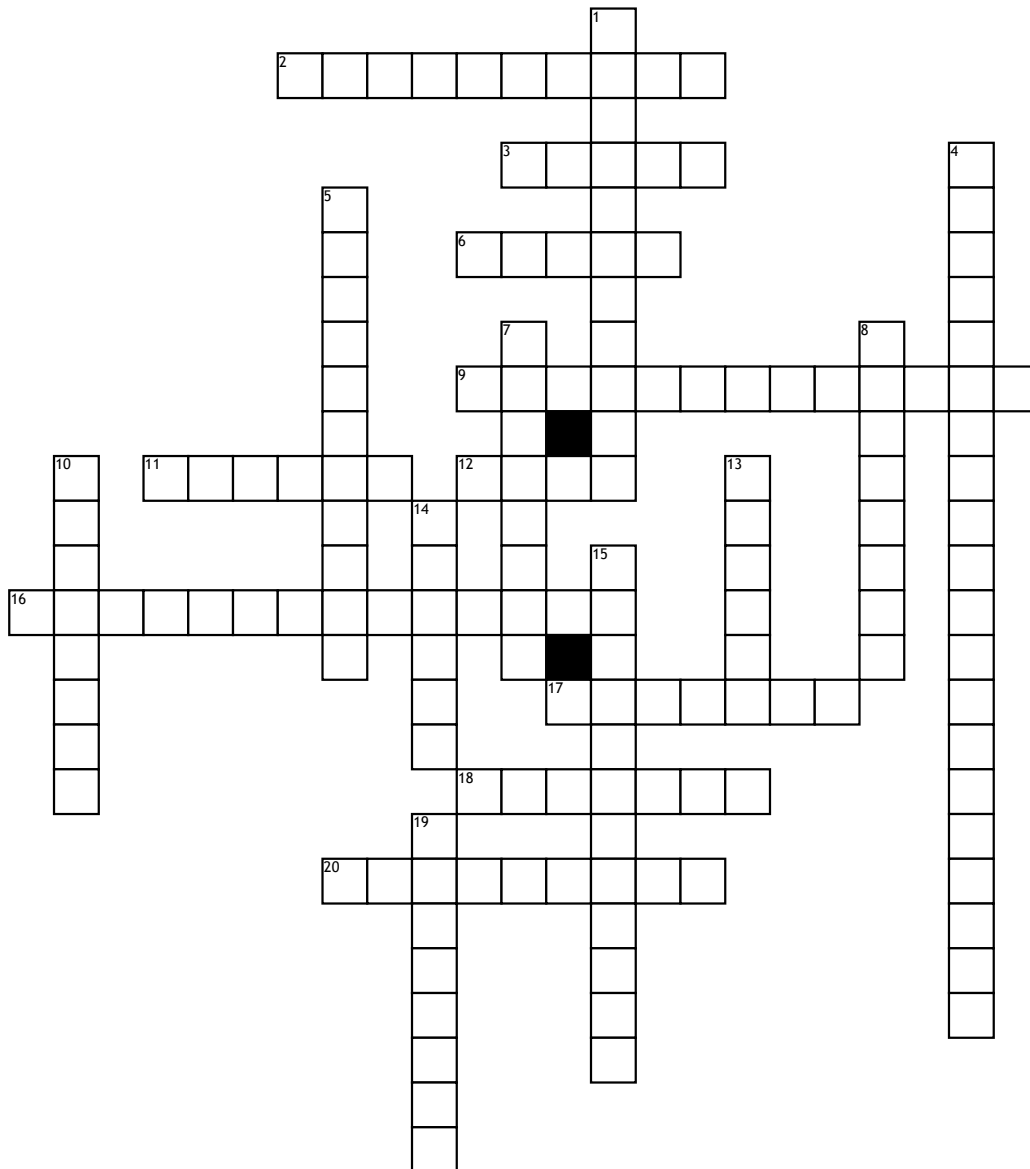


Name: _____

Date: _____

Beckwith Middle School - Grade 8 Science



Across

2. Same alleles for a single trait
3. An organism that has the same genes as the organism it was produced from
6. a specific characteristic that an organism can pass through its genes to offspring
9. A chart that shows all the possible combinations of two genotypes
11. An offspring having parents with different traits
12. A sequence of DNA that determines a trait and is passed from parent to offspring

16. an allele whose trait always shows up in the organism when the allele is present

17. The process that produces 4 reproductive cells
18. A type of cell division that results in two daughter cells each having the same number and kind of chromosomes as the parent nucleus, typical of ordinary tissue growth.
20. A person's physical appearance

Down

1. When two alleles are equal and present in both the phenotype and genotype of an organism

4. Material which is present in nearly all living organisms and is the carrier of genetic information.
5. The chance of something occurring
7. An offspring having parents with same traits
8. A change in a gene or chromosome
10. A person's genetic makeup
13. Adenine (A), guanine (G), cytosine (C) and thymine (T) are read in groups of three called
14. Factors that control a trait
15. Different alleles for a single trait
19. The science behind heredity