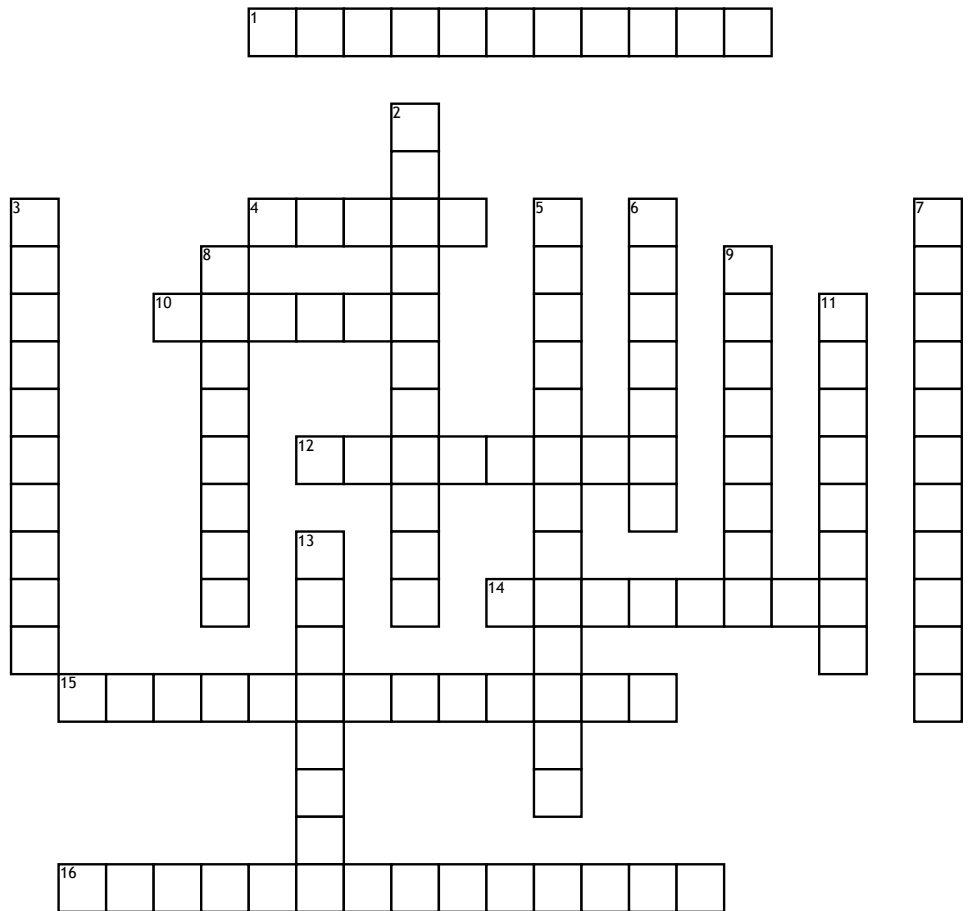


# DNA

## Across

1. The 5 carbon sugar (pentose) found in DNA
4. Watson and \_\_\_\_\_ were credited with discovering DNA's molecular structure
10. The structure of DNA is known as a \_\_\_\_\_ Helix
12. This scientist took X-ray photograph of DNA
14. Repetitive DNA at the end of a eukaryotic chromosome
15. Kind of virus that infects bacteria
16. Process in which one strain of bacteria is changed by a gene(s) from another strain of bacteria



## Down

2. Long, slightly acidic molecules built from small monomers called nucleotides
3. The subunit of DNA composed of a nitrogenous base, a sugar, and a phosphate group
5. Principle enzyme involved in DNA replication
6. Adenine pairs with \_\_\_\_\_
7. Process of copying DNA prior to cell division
8. Name of the bond between one nucleotide and the phosphate group of the next
9. A pyrimidine that is paired with guanine in DNA
11. The bonds that occur between complementary nucleotide base pairs
13. This scientist discovered complementary base pairing "rule"