



Across:

3. the chemical group that gives DNA and RNA a negative charge
10. a nucleotide that forms three hydrogen bonds with Cytosine
15. Thymine and Cytosine bases of DNA
16. a nucleotide that forms two hydrogen bonds with Thymine
17. small nitrogenous base that pairs with Guanine
19. the end of a DNA chain where carbon 5 has a phosphate group

Down:

1. the bond that connects two nucleotides
2. carbon of the DNA sugar that lacks hydroxyl group
4. a base found only in DNA
5. organic compounds represented by DNA and RNA
6. large nitrogenous bases of DNA and RNA
7. without oxygen
8. many nucleotides
9. building unit of DNA and RNA
11. a chemical unit composed of sugar and nitrogenous base
12. a base found only in RNA
13. the sugar found in RNA
14. the end of a DNA chain where carbon 3 has an available hydroxyl group
18. difference between (T) and (U)