Name: _____ Date: _____ Period: _____

DNA Matching Game

1. Molecule that stores genetic information in all organisms	A. Double Helix
2. Nucleic acid molecule that allows for the transmission of genetic information and protein synthesis	B. Ribosome
3. Relating to or denoting replication of a nucleic acid	C. RNA
4. The structure of the DNA	D. Anticodon
5. Makes two identical DNA	E. tRNA
6. A nitrogen-containing molecule that has the same chemical properties as a base	F. Gene
7. A compound consisting of a nucleoside linked to a phosphate group	G. Nucleotide
8. A pair of complementary bases in a double-stranded nucleic acid molecule	H. Mutation
9. The process by which the information in a strand of DNA is copied into a new molecule of messenger RNA	I. Nitrogenous Bases
10. Is a step in protein biosynthesis wherein the genetic code carried by mRNA	J. Transcription
11. A unit of heredity that is transferred from a parent to offspring and is held to determine some characteristic of the offspring	K. Protein Synthesis
12. A simple organic compound	L. DNA
13. A sequence of three nucleotides that together form a unit of genetic code	M. Codon
14. A sequence of three nucleotides forming a unit of genetic code in a transfer RNA molecule, corresponding to a complementary codon in messenger RNA	N. Complementary
15. Messenger RNA	O. Amino Acid
16. Use to make proteins	P. Semi-Conservative
17. Transfer RNA	Q. DNA Replication
18. Ribosomal RNA	R. rRNA
19. A process to make proteins	S. mRNA
20. Nucleotide bases linked by a hydrogen bond on opposite strands of DNA	T. Polypeptide
21. Amino acids called	U. Translation

22. A mistake to a copied of DNA

V. Base-Pairing