

DNA, RNA, Protein Synthesis crossword

Across

2. a nitrogen base that pairs with cytosine
7. brings amino acids from cytoplasm to a ribosome
9. in DNA its place is taken by thymine
10. contains uracil and is single-stranded
13. set of three bases
14. type of macromolecule that is a nucleic acid
16. built from a large number of amino acids
17. a sphere-shaped structure within the cytoplasm of the cell that is composed of RNA and protein and is the site of protein synthesis
19. this is paired with thymine in double-stranded DNA
20. it is paired with guanine in double-stranded DNA
21. the second step of protein synthesis that changes RNA into proteins

Down

1. the "D" in DNA
3. messenger RNA, is a subtype of RNA
4. process by which the genetic code puts together proteins in the cell
5. the first step of protein synthesis that changes DNA into RNA
6. a compound consisting of a nitrogen base, sugar and a phosphate group
8. this pairs with adenine in double-stranded DNA
11. the shape of DNA
12. opposite of codon
15. the building blocks of all biological proteins
18. type of sugar RNA is

