DNA, RNA, Protein Synthesis crossword

Across

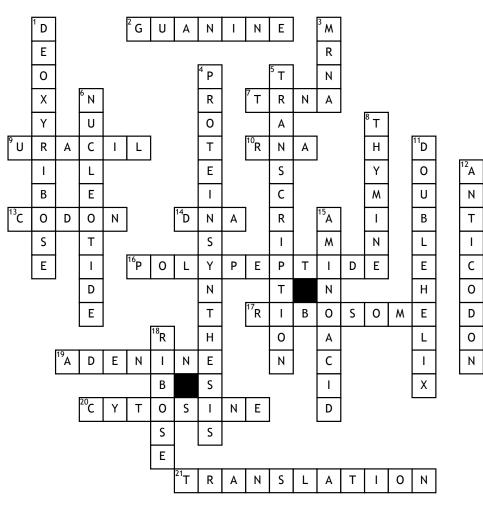
2. a nitrogen base that pairs with cytosine 7. brings amino acids from cytoplasm to a ribosome 9. in DNA its place is taken by thymine 10. contains uracil and is single-stranded **13.** set of three bases **14.** type of macromolecule that is a nucleic acid **16.** built from a large number of amino 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 teh 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

