

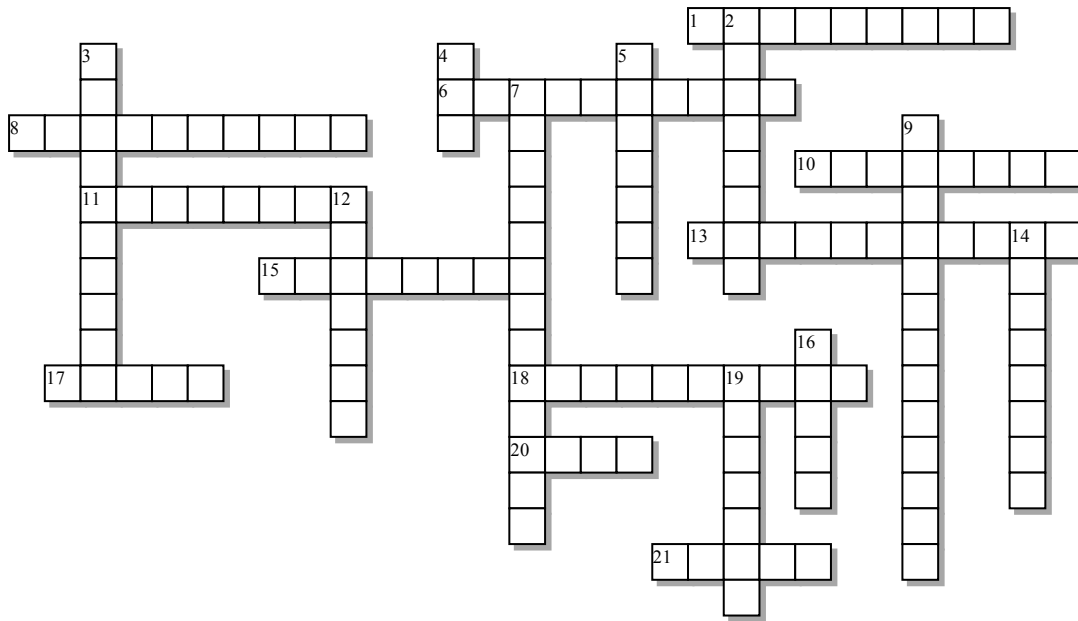
DNA, Fantastic!

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DNA, Fantastic!

Across:

- 1 - The part of the DNA backbone that is not connected to a nitrogenous base
- 6 - the monomer of nucleic acids
- 8 - A package of DNA in the nucleus of the cell.
- 10 - The scientist who used X-ray imaging to help explain the structure of DNA
- 11 - A change of one base for another in a DNA sequence is known as a point
- 13 - The five carbon sugar in DNA
- 15 - Sugars and phosphates form the _____ of the DNA molecule.
- 17 - DNA's shape is referred to as a double
- 18 - DNA's width is two
- 20 - Because each strand is upside down relative to the other, we call them _____ parallel
- 21 - In the ladder analogy for DNA, the bases are like the

Down:

- 2 - Bonds between nitrogenous bases are _____ bonds
- 3 - A type of nitrogenous base with only one ring
- 4 - The molecule of heredity; what genes are made out of
- 5 - Like proteins and polysaccharides, DNA is a
- 7 - Matching base pairs, like enzymes and substrates, have bases that are
- 9 - The uniqueness of our DNA is the genetic basis of our
- 12 - The part of the cell where DNA is found
- 14 - The information in DNA is held in the base _____
- 16 - Watson and _____ are given most of the credit for discovering the structure of DNA
- 19 - The base that bonds with adenine

Possible Answers:

Crick, DNA, Franklin, anti, backbone, chromosome, complementary, deoxyribose, helix, hydrogen, individuality, mutation, nanometers, nucleotide, nucleus, phosphate, polymer, pyrimidine, rungs, sequence, thymine

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DNA, Fantastic (SOLUTION)

