

What's DNA? How does it work? Part 1

Watch the first part of the video and complete the missing words

DNA also known as deoxyribonucleic acid is a..... It's a bunch of atoms stuck.....

In the case of DNA , thesecombine to form the shape of a long spiralingsort like this one here.

If you ever studied biology or saw the movie Jurassic Park, you probably heard that DNA acts as aor afor a living thing but how, how on earth can a mere molecule act as a blueprint for something as complex and wonderful as a tree, a dog or a dinosaur.

(0:44)To help answer that question, let's first take a look at.....
Amino acids are tiny little chemicals inside our bodies that are so important; they're often referred to as theof life. There are about 20 different kinds, each with their own unique.....

(1:00) The neat thing about them is they can beto each other kind of like Legos toan endless variety of larger particles known as

Write TRUE or FALSE.

The DNA is an atom

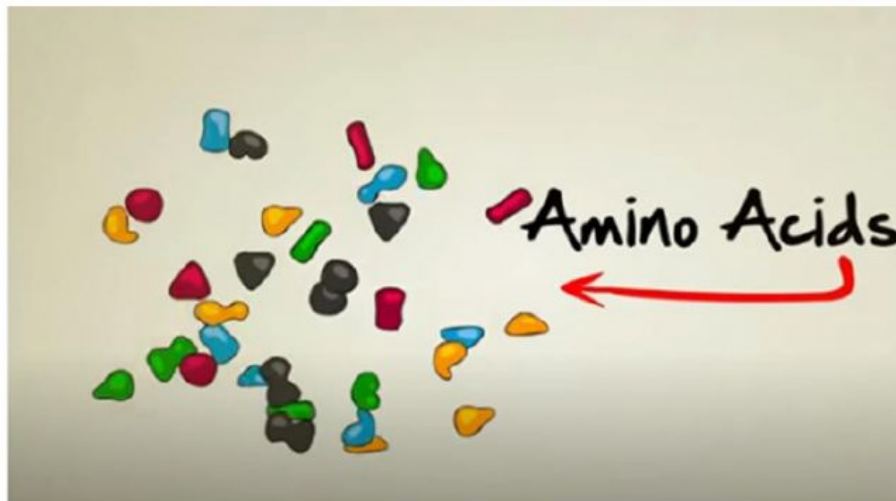
The shape of the DNA is of a spiraling ladder

It is the blueprint only for trees, dogs or dinosaurs.

There are more than ten kinds of Amino Acids.

All the amino acids have the same shape.

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Give the words for these definitions:

a simple organic compound containing both a carboxyl (—COOH) and an amino (—NH_2) group.:

.....

a group of atoms bonded together, representing the smallest fundamental unit of a chemical compound that can take part in a chemical reaction:.....

a design plan or other technical drawing:.....

any of a class of nitrogenous organic compounds which have large molecules composed of one or more long chains of amino acids and are an essential part of all living organisms, especially as structural components of body tissues such as muscle, hair, etc., and as enzymes and antibodies :

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