



What are genes?

TEACHER

AREA

GRADE/LEVEL

Lennyber Pérez

English as a foreign language

8th "A"

What are Genes?

Genes are pieces of DNA (deoxyribonucleic acid). DNA is a substance that carries genetic information in the cells of plants and animals. We can find our DNA in the cells in our body.

You can see the DNA inside the nucleus of a cell. It looks like a double helix or ladder. DNA has four chemical that come together and make your chromosomes and genes. Different parts of our DNA determine your hair color, your eye color, and many, many other things about you.

Nowadays scientists are studying the human genome. The human genome is all of genes that humans have. There are over 20.000 to 25,000 genes. If scientists know more about genes, doctors can help more sick people.

a. Your genes are in your DNA

☐ True ☐ False

b. Most cells do not contain DNA

☐ True ☐ False

c. DNA looks like a square

☐ True ☐ False

d. There are four chemicals in DNA

☐ True ☐ False

e. Your DNA contains a lot of information about you

☐ True ☐ False

f. The human genome has between twenty and twenty-five genes

☐ True ☐ False

g. Doctors do not need to know about genes.

☐ True ☐ False

