

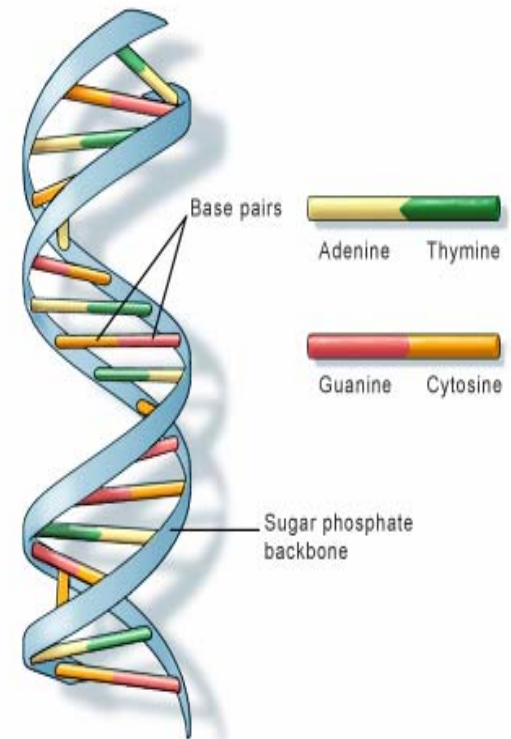
# DNA, Genes and Chromosomes

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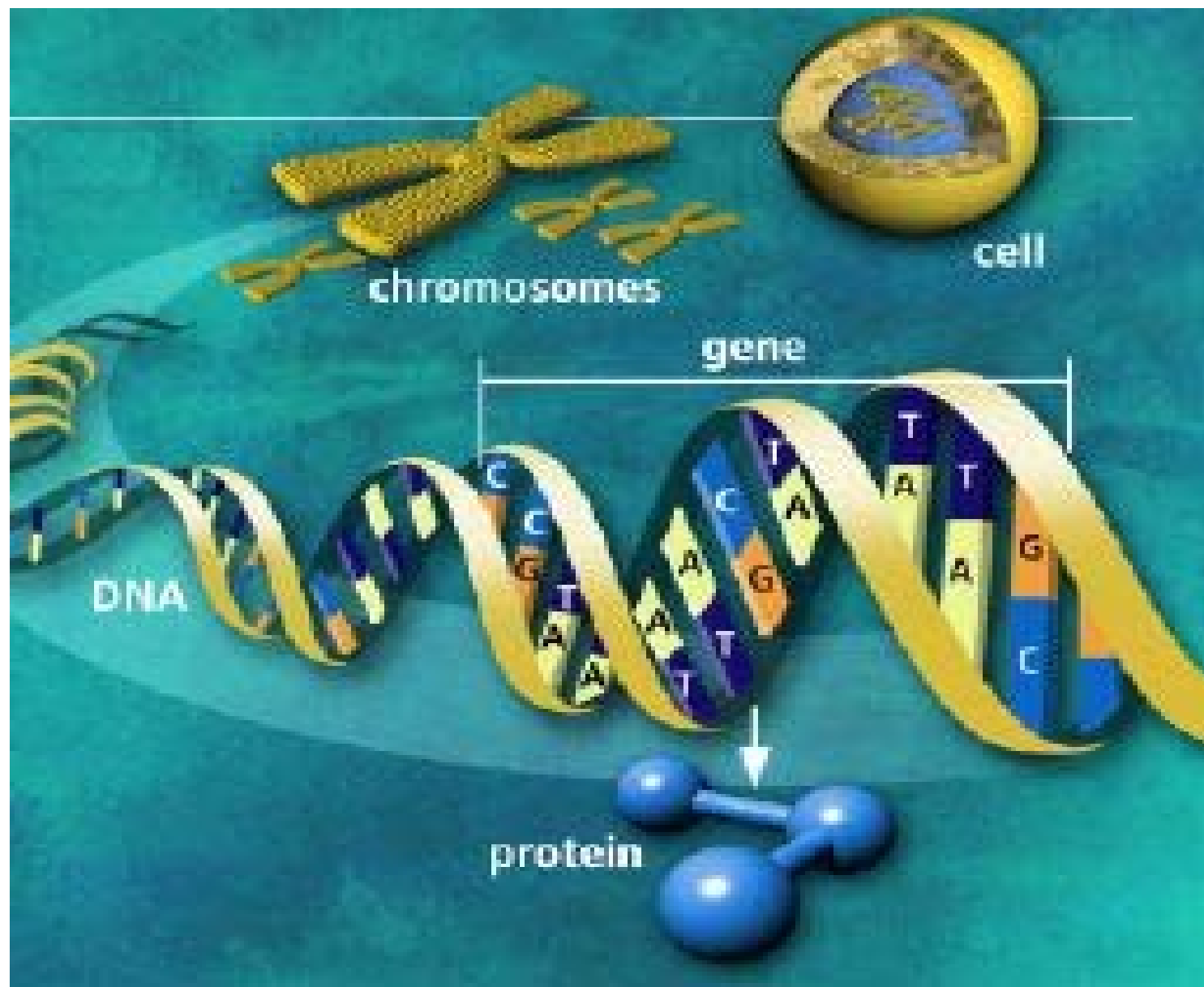
16th April 2007

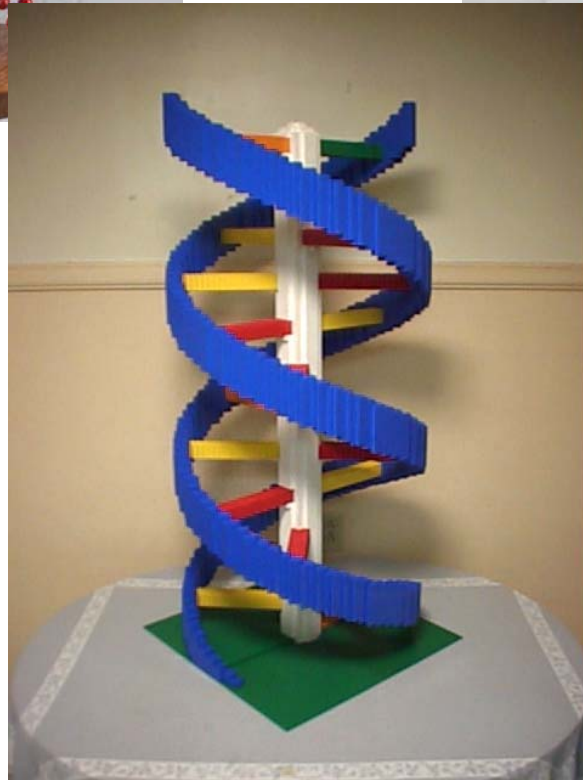
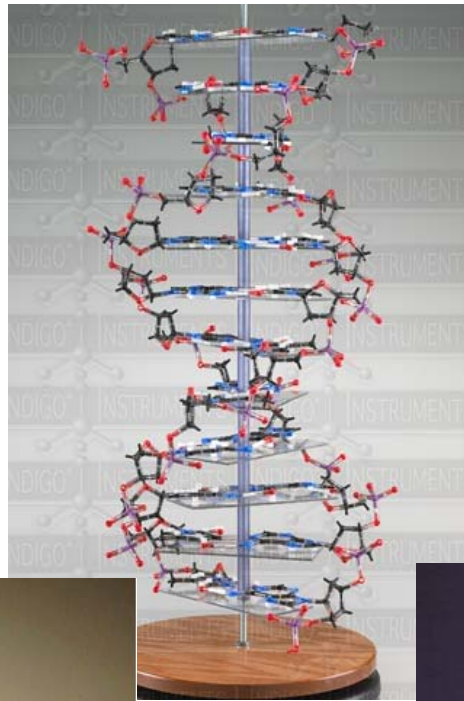
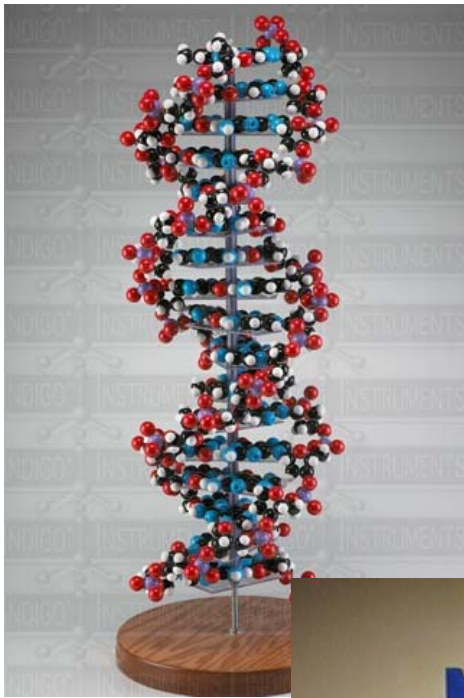
# What is DNA?

- DNA, or deoxyribonucleic acid, is all the genetic information inside humans and almost all other organisms.
- The information in DNA is stored as a code made up of four chemical bases: adenine (A), guanine (G), cytosine (C), and thymine (T).



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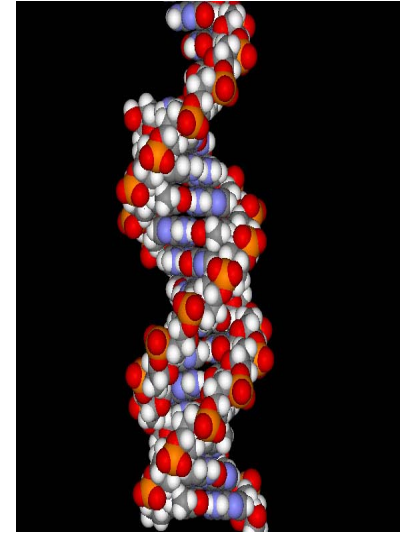


Base pairs

Sugar

Phosphate

# Grading Criteria...



1. To **pass** you need to make a model of DNA highlighting regions representing genes and chromosomes.

**DEADLINE: 2 LESSONS**

2. To obtain a **merit** you need to use pictures of your DNA model in a flow diagram showing the progression from a cell to a gene writing descriptions.

**DEADLINE: 2 LESSONS**

3. A **distinction** will be achieved if you produce a power point writing a summary about how genes can be shuffled during sexual reproduction.

**DEADLINE: 1 LESSON**