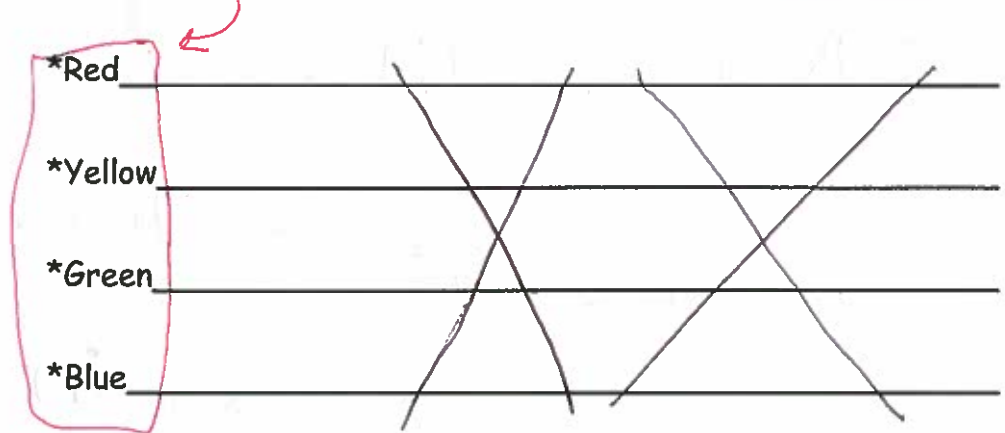






DNA Model Structure Quiz Review

- 1). What is this a model of? DNA molecule
- 2). What is the long name for DNA?
deoxyribonucleic acid
- 3). What is the shape of a DNA molecule? double helix
- 4). What does each white sphere \bigcirc represent? deoxyribose sugar
- 5). What does each black disk - represent? Phosphate group
- 6). What does each color represent? nitrogen base



- 7). What type of bond joins 2 colors together? hydrogen bond
- 8). List the names and symbols for the 4 colors:
 - * Adenine (A) 
 - * ~~Adenine~~ Thymine (T) 
 - * Guanine (G) 
 - * Cytosine (C) 

DNA Model Structure Quiz Review

9). List the symbols for the 2 purines:

^{letters}
* A & G (double C ring)

10). List the symbols for the 2 pyrimidines: (single C ring)

* T & C

11). List how the colors pair up together: Apples in the Tree, Cars in the Garage

* A - T , C - G
T - A , G - C

12). White sphere + black disk + color = 3 parts

* DNA nucleotide

13). How many strands are there in a DNA molecule?

2 strands
= backbone of DNA

14). DNA is the genetic code or blueprint for making

Proteins

★
MAIN
IDEA