**DNA Structure**

1. The structure of DNA was published by \_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_ in the year \_\_\_\_\_\_\_\_\_\_. (p. 208)
2. Determining the structure was possible because of xray crystallography pictures taken by

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. (p.208)

1. The letters DNA stand for (p. 205)

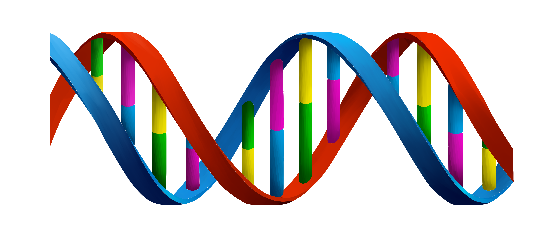
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. DNA is found inside of the: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(organelle).
2. Building Block of DNA: (macromolecules notes) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. What are the 3 parts of a nucleotide? (p. 209) \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Match the bases: (p. 208)

Adenine - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Guanine - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. The double coiled, “staircase” shape of DNA is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. (p. 209)



**DNA Structure**

(p. 209-210)

Directions: Label the diagram below with the following choices:

|  |  |  |
| --- | --- | --- |
| * Nucleotide | * Deoxyribose (sugar) | * Phosphate |
| * Base pair | * Hydrogen bond | * Nitrogen base |

