**From Candy to DNA Model**

**Write the color and candy type you chose for each part of the nucleotides.**

Deoxyribose Sugar: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Phosphate Group: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Adenine Nitrogen Base: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Guanine Nitrogen Base: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cytosine Nitrogen Base: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Thymine Nitrogen Base: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­­\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Draw a diagram of your model. Label the above parts of your nucleotide using the following key:**

* D= Deoxyribose sugar
* P= Phosphate group
* A= Adenine
* T= Thymine
* G= Guanine
* C= Cytosine

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