

Name: \_\_\_\_\_

**Biology I: Unit 2 (A DNA Mastery Unit) – Worksheet 1: DNA Structure**

1. Complete the following table:

Question	Response
(a) Where is DNA located in eukaryotic cells?	
(b) Where is DNA located in prokaryotic cells?	
(c) What does DNA stand for?	
(d) What does DNA look like?	
(e) What does DNA <u>code</u> for?	
(f) Why is the nucleus the control centre?	

14. Write the complementary sequence to following DNA strand:

A A T T C G C C G G T A T T A G A C G T T  
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15. Use the image at the right to complete the follow:

- Circle a nucleotide.
- Label the sugar and phosphate.
- Label the bases that are not already labeled

