**Name: Period:**

25

Deoxyribonucleic Acid

**Texting- write what you think the code is in full words**

1. 2. 3. 4. 5. 6. 7.

8. 9. 10. 11. 12. 13. 14.

15. 16. 17. 18.

**1. Why are codes used? In what career field might codes be important?**

**2. Which nitrogen bases of DNA pair with each other (A, G, T, C)?**

**3. How is Morse code comparable to the pairing of nucleotides to replicate DNA?**

**DNA PowerPoint**

**(Take notes as you see fit and answer the check knowledge questions)**

* **What is the relationship between proteins and amino acids?**
* **What is a trait?**
* **When is DNA copied?**
* **What is a gene?**
* **What three components make up the nucleotide subunit?**
* **What are the four bases and what is the rule about how they pair together?**
* **Describe what is meant by a “triplet code.”**
* **What are the steps of DNA replication?**

(DNA)Two trues and one lie:

1. Even though it codes for all the information that makes up an organism, DNA is built using only four building blocks, the nucleotides adenine, guanine, thymine, and cytosine.
2. A parent and child share 100% of the same DNA.
3. You have 98% of your DNA in common with a chimpanzee.

List two things that you learned today:

 1.

 2.

List one thing that you want to know more about.

 1.