

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

## **DNA and Mutations Review Reflection**

### **What I Should Be Able To Do**

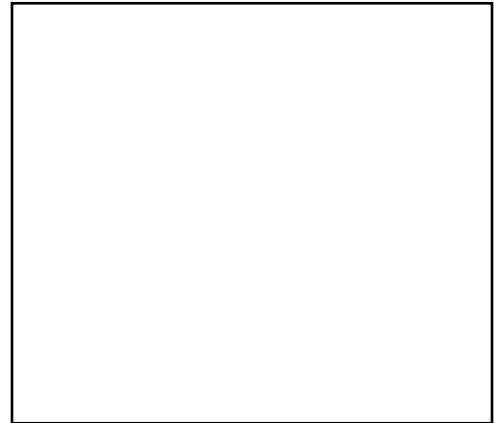
- Identify components of DNA, and describe how information for specifying the traits of an organism is carried in the DNA
- Recognize that components that make up the genetic code are common to all organisms
- Describe how techniques such as DNA fingerprinting, genetic modifications, and chromosomal analysis are used to study the genomes of organisms

### **Content Knowledge From Today**

#### **Where is the genetic code found in DNA?**

- A order of bases
- B order of phosphates
- C order of sugars
- D order of hydrogen bonds

Draw and label the structure of DNA (pairing rules, nucleotide components, hydrogen bonds)



#### **How does DNA compare in all living things?**

- A Same structures, different sequence of bases
- B Same structures, same sequence of bases
- C Different structures, different sequence of bases
- D Different structures, same sequence of bases

#### **When does DNA replicate?**

- A Before Cell Division
- B During the S phase of Interphase
- C Both A and B

What changes to cause a mutation?

Identify and define the types of mutations found within a DNA strand.

### **How I Feel About Content After Today**

- I know everything about this topic. I will get every question on this topic right on the exam.
- I know most of the information over this topic. I will get most questions on this topic right on the exam.
- I know some of the information over this topic. I will get some of the questions right on the exam.
- I know nothing over this topic. I will need to guess when I see a question over this topic on the exam.

### **What Are My Next Steps To Master the Content Before the Exam**

**What can I do at school?**

**What can I do at home?**