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

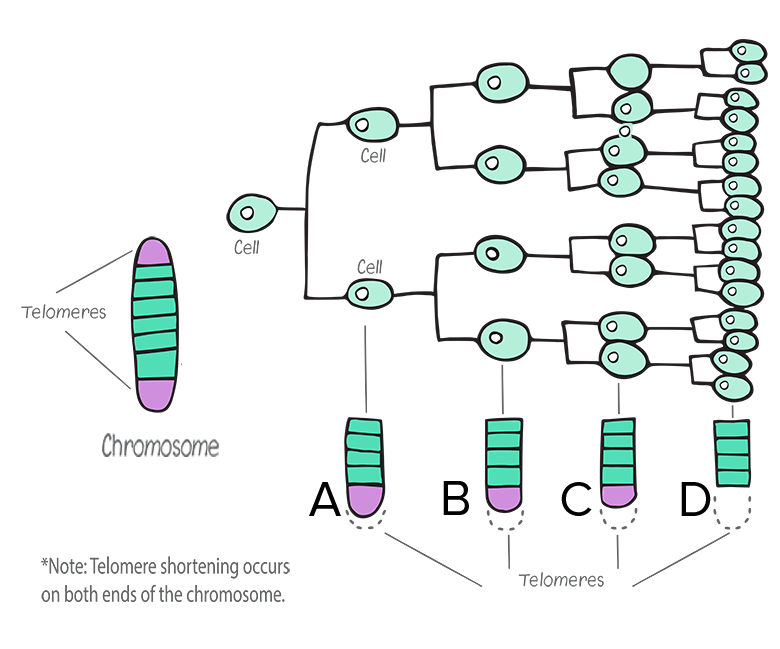
Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

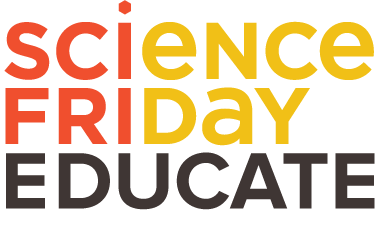
Circle One: Pre-test / Post-test

**Do Edible Dormice Hold Secrets To The Fountain Of Youth**

**Directions:** Choose the correct answer out of the options provided and write it in the space provided.

1. \_\_\_\_\_\_\_\_\_Every time a strand of DNA is replicated the ends of the molecule known as the   
     
   \_\_\_\_\_\_\_\_ shorten.  
   A) telomeres  
   B) DNA  
   C) nucleotide  
   D) chromosomes
2. \_\_\_\_\_\_\_\_\_ The “molecule of heredity” is another name for \_\_\_\_\_\_\_\_\_\_.  
   A) Chromosomes  
   B) DNA  
   C) RNA  
   D) Telomeres
3. \_\_\_\_\_\_\_\_\_The nucleotide sequence “TTAGGG” in DNA will create \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_in a cell.  
   A) collagen  
   B) carbohydrates  
   C) glucose   
   D) nothing



1. \_\_\_\_\_\_\_\_\_When a cell’s chromosomes reach stage D cellular death also known as \_\_\_\_\_\_\_\_\_\_\_\_\_ begins.  
   A) meiosis  
   B) apoptosis  
   C) mitosis  
   D) binary fission
2. \_\_\_\_\_\_\_\_\_ The length of the “ends” of an organism’s DNA is a trait that is \_\_\_\_\_\_\_\_\_\_\_\_  
   A) completely random for each individual  
   B) determined by the climate of the organism’s ecosystem  
   C) mainly determined by both heredity and diet of an organism  
   D) inherited from previous generations  
   

**Answer Key:**

1) A

2) B

3) D

4) B

5) C