Honors Biology Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
NDHS Per: \_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_  
  
**Darwin and Natural Selection  
Reading Assignment - Pages 450 – 453, 460 – 473**

**Pages 450 – 453:**

**Focus**: Who was Darwin and what did he discover? (Hint: look at the key points in bold)

**Pages 460 – 473:**

What is “natural selection”?

What causes natural selection to occur?

What is the difference between “fitness” and just surviving?

What is meant by the term “common descent”?

How do biologists represent common ancestry as a drawing?

**Picture Capture**: For each picture, write a description of what it is showing. Don’t just write what the book says after the Figure number.

Figure 16-9:

Figure 16-10:

Figure 16-11:

**EVIDENCE OF EVOLUTION:** Define and give examples

Biogeography:

Example:

Age of the Earth and Fossils:  
   
 Example:

Homologous Structure:  
  
 Example:

Analogous Structure:  
  
 Example:

Vestigial Structure:

Example:

Embryology:  
  
 Example:

Homologous Molecules:  
  
 Example:

Picture Capture:   
Figure 16-17