*“That is what learning is. You suddenly understand something you've understood all your life, but in a new way.”   
―*[*Doris Lessing*](http://www.goodreads.com/author/show/7728.Doris_Lessing)

Read the last paragraph of Darwin’s Ideas Page 299

Read “Descent with Modification” Page 299

Read “Natural Selection” on pages 300 – 301

On your worksheets define the terms and answer the following questions:

1. What were Darwin’s main goals?
2. How does Darwin describe the term descent with modification?
3. In your own words explain the term descent with modification.
4. In your own words define, describe and explain the following terms:  
   **Overproduction, Genetic Variation, Struggle to Survive, and Differential Reproduction**
5. Suppose that an individual has a new trait that makes it live longer than others in its population. Does this individual have greater fitness? Explain your answer.

[**http://media.hhmi.org/fittest/Evolving\_Switches\_Evolving\_Bodies.html**](http://media.hhmi.org/fittest/Evolving_Switches_Evolving_Bodies.html)

[**http://www.hhmi.org/biointeractive/evolution/Human\_Adaptation/02.html**](http://www.hhmi.org/biointeractive/evolution/Human_Adaptation/02.html)