

## GED SCIENCE LESSON 6

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### EVOLUTION

**Competency:** Analyze both the outward diversity and inward similarity of life forms.

**Learning Objectives:**

1. Explore natural selection as a mechanism of evolution.
2. Summarize the evidence supporting the theory of evolution.

**Learning Activities:**

- \_\_\_1. Read pgs. 74-81 Steck-Vaughn GED Science text and answer all the questions.
- \_\_\_2. Log on at <http://www.myskillstutor.com> and complete the Mechanisms of Change exercises under Science I – Life Sciences.
- \_\_\_3. Read Essay: **The Unity of Life** on pg. 2.
- \_\_\_4. Define fossil, homologous structure, mutation, adaptation, evolution, and natural selection. Visit [Biotech's Life Science Dictionary](http://biotech.icmb.utexas.edu/search/dict-search.html) for help.  
<http://biotech.icmb.utexas.edu/search/dict-search.html>
- \_\_\_5. Choose an organism of your choice and write a paragraph describing how its features are adapted to its environment.
- \_\_\_6. Analyze the significance of a human gene being transferred to a bacterial cell and that organism being able to make a human protein.
- \_\_\_7. List the major evidence available to support the theory of evolution.