

PBS Video Series -- Evolution

<http://www.pbs.org/wgbh/evolution/>

Goal: For this activity, students will view 7 video clips about evolution at the PBS site, after each clip a short essay will be written that answers a question about the topic covered in the clip. Grading is based on thoughtfulness and clarity of essays.

Go to: <http://www.pbs.org/wgbh/evolution/>

Click on "Teachers and Students"

Click on "Videos for Students"

Instructions:

There are 7 Short Videos to watch on this page, open the videos using the QUICKTIME link and watch, take notes as you watch the clips and feel free to play them again. Use the computer headphones to listen to the sound.

For each video segment, you have one essay question to answer. Please write your answers on a separate piece of paper and write them in paragraph form, pay attention to grammar and punctuation. Each essay should be approximately 2-3 paragraphs in length.

Video 1 - Isn't Evolution Just a Theory?

Is it correct to say the evolution is JUST a theory? Is gravity JUST a theory? Defend your answer.

Video 2 - Who was Charles Darwin?

Why was Darwin considered to be a "revolutionary"?

Video 3 - How Do We Know Evolution Happens?

Describe the transitional fossils associated with whale evolution. Include specific examples of these fossils and explain why they are considered to be whale ancestors?

Video 4 - How Does Evolution Really Work?

Describe the process of natural selection and how it affects hummingbird populations.