

Topic 6: Evolution – 6a. Evolution of the Automobile

Resources: Campbell et al. *Biology: Exploring Life*. Prentice Hall, Chapters 14-15.

Campbell et al. *Biology: Concepts and Connections*. Pearson, Chapters 13-15.

Miller and Levine. *Biology*. Prentice Hall, Chapters 15-17.

Building on: Genetics
DNA
Classification

Links to Chemistry: Comparative analysis of DNA and proteins

Links to Math: Probability – bell curves
Statistics

Stories: Many science teachers shy away from teaching the concepts of evolution because of the “creationism vs. evolution” controversy. The topic can be approached in a non-threatening way by means of this slide show. The overall theme of the slide show is that the automobile has “changed over time.” There are many other important themes that can come out of this discussion (as outlined within the slide show), but this is the main concept.

Lab Instructions and Materials for the Teacher:

Even if you’re not a “gear head” or interested in cars, the slide show will nevertheless give the students an introduction into the theory of evolution by natural selection. Just read the talking points embedded within the slide show and you will have all you need for an effective lesson.