

Charles Darwin and the Tree of Life Questions

Answer these questions **on a separate piece of paper**.

Note: *These questions are not necessarily in order, so you may have to refer to each question at different points during the movie. Leave space to add to your answers. Question #4 should have as many pieces of evidence as possible and should be your most thoughtful answer.*

1. Describe Darwin's voyage around the world.
2. What did Darwin see on the Galapagos Islands? Include his observations about the finches on the islands.
3. Describe artificial selection as it relates to dogs. Are different breeds of dogs considered different species? Why or why not?
4. What evidence did Darwin use to support his theory of evolution by natural selection? (You may want to include the opposition that existed regarding each point).
5. What scientific evidence has been discovered since Darwin's time that supports evolution by natural selection?
6. *Answer the following question on your paper for homework:*
Explain why there are so many species of life on the planet.

Criterion D: Reflecting on the impact of Science (Year 5)

8-7	6-5	4-3	2-1	0
explain the ways in which science is applied and used to address a specific problem or issue	describe the ways in which science is applied and used to address a specific problem or issue	summarize the ways in which science is applied and used to address a specific problem or issue	outline the ways in which science is used to address a specific problem or issue	Not met any of the descriptors listed

Explain: Give a detailed account, with scientific reasoning and connections between situations, events, patterns and processes

Describe: Give a detailed account or picture of a situation, event, pattern or process

Summarize: Abstract a general theme or major point(s)

Outline: Give a brief account