

Name _____

Charles Darwin: The Father of Evolutionary Theory

Open-Ended Response Questions

1. Charles Darwin came from a family with a strong interest in science and medicine. How did his family's background influence his own interests and eventual career as a naturalist?
2. Darwin's theory of evolution by natural selection introduced several key ideas. Explain how the concepts of variation, competition, survival of the fittest, heredity, and adaptation are interconnected in his theory.
3. During his voyage on the HMS Beagle, Darwin made observations and collected specimens that would later support his theory of evolution. Provide specific examples of observations or evidence he gathered during the voyage that contributed to his theory.
4. Charles Darwin's theory of evolution by natural selection had a profound impact on biology and our understanding of life on Earth. How did his work change the way scientists and the general public viewed the origins and diversity of species?

