

Name _____ Date _____ Period _____



Charles Darwin Game Activity

Go to the following website:

<http://www.sciencechannel.com/games-and-interactives/charles-darwin-game/>

Explore the entire website to answer the following questions:

1. Darwin stated that not all members within a _____ are the same. Individuals frequently exhibit _____ in color, size, strength...

2. Many _____ are passed from parents to offspring.

3. Explain the phrase "Survival of the Fittest".

4. Darwin gathered evidence for his theory of Evolution on what Island group? To what continent were these islands closest?

5. In what year did Darwin publish his controversial book and what was the title?

6. What is Natural Selection?

7. Darwin proposed that Natural Selection caused changes in species over time. What is one other process that can cause change in a species over time?



Play the game "Who Wants to Live a Million Years?" and answer the following questions:

8. Name three of the traits you selected for your organism and indicate the advantage of that trait.

a. trait -
advantage -

b. trait -
advantage -

c. trait -
advantage -

9. What was one of your environmental challenges? How did it affect your population?

10. Play until your population has successfully survived 1 million years. Which traits helped you survive. Explain why you think these traits helped your population survive.