

Natural Selection Activity

DIRECTIONS:

1. Answer the following questions about yourself by circling the response that is most appropriate.

- 1) **Favorite food:** pizza hamburger chicken spaghetti fruit
- 2) **Favorite time to sleep:** morning day night
- 3) **Favorite type of music:** country hip-hop rock oldies classical
- 4) **Favorite subject in school:** SCIENCE math english phys.ed. foreign language
- 5) **Favorite season of the year:** winter summer spring fall
- 6) **Favorite sport:** baseball soccer football gymnastics track basketball
- 7) **Favorite color:** blue yellow red green black orange purple
- 8) **Favorite animal:** dog cat bird fish hamster horse cow
- 9) **Favorite type of movie:** action comedy horror drama
- 10) **Favorite place to live when you grow up:** beach mountains city country desert

These are just examples of characteristics to think about...you may add or delete any other appropriate characteristics that you would like.

2. Now...think about creating an environment where you would be the most fit for natural selection. Use your individual characteristics to create a world where you would be the most likely to survive and have the greatest genetic propensity. Describe your environment by creating circumstances that would enable you to survive but not others. Be as creative as you would like.

For example: *I like spaghetti, day, hip-hop, and blue. I might create an environment where the only food supply was noodles...predators hunted during the morning and night so I was always awake...I didn't mind blasting hip-hop music and it did not harm my hearing but others became deaf...the entire world was different shades of blue that only I was able to distinguish between land and water etc.*

3. After you create your environment where you are the most "fit" organism, draw yourself in your environment and explain why you would have the greatest genetic propensity in that environment.