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Create A New Breed

***Instructions:*** *Every breed of animal that we are familiar with today was once developed through generations of selective breeding to isolate specific traits unique to the breed. Specific traits such as size, coat color, coat texture, performance, etc were chosen and necessary for the animals to be used as breeding stock. In this assignment you will choose 1 species of animal and cross 3 breeds to make a new breed with the characteristics of your choice.*

**Step 1:** Choose 3 breeds of animal that have the kind of characteristics you like. These breeds must be compatible to cross. (Not a Chihuahua and Mastiff)

1. What 3 breeds did you choose? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What characteristics do you like from the first breed?

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1. What characteristics do you like from the second breed?

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1. What characteristics do you like from the third breed?

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1. What physical characteristics do you HOPE the offspring will inherit? (Coat color/texture, size, hunting/herding ability, temperament, etc.)

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*Now that you have determined your ideal characteristics, your goal is to isolate one gene pool with ALL of these characteristics and only these characteristics to create a new breed.*

1. If you were to breed crosses of these 3 breeds for several generations, choosing only the most quality animals to breed, what 4 characteristics would you base your selection on?

(Weight, height, coat color/texture, performance ability, hot/cold tolerance, etc)

1-

2-

3-

4-

1. After several generations of breeding only the most quality animals with the parameters set above, you will create a new breed. What will you name this new breed?