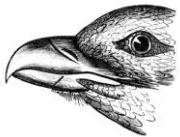



Who is the Fittest?

1. Start by finding your materials- 1 fork, 1 spoon, 1 knife, 1 cup, a timer and your bugs.
 “Bugs” should be the same size but you’ll need 2 colors. Collect 20-40 bugs, make sure to have the same amount of each color. For example 15 dried pinto beans and 15 dried black beans.
2. Write your colors in the spaces below under Bugs Caught 1 and Bugs Caught 2.
3. Decide where you will scatter your bugs. On grass? Dirt? What color is the surface?
4. Make your predictions of which adaptation will survive best on the following page.
5. Scatter your bugs.
6. Set a timer for 30 seconds.
7. Press start and use one utensil to collect as many bugs as you can and put them in your cup before the timer goes off.
8. Count the “bugs” in your cup by color. Write down the number in the table according to the color and utensil type.
9. Put all the bugs back on the open surface
10. Repeat these steps with all the utensils

	Bugs Caught Color 1 _____	Bugs Caught Color 2 _____	Total bugs caught by BEAK
Bird 1 Knife			
Bird 2 Fork			
Bird 3 Spoon			
Total bugs caught by COLOR			

Questions

I predict the _____ will catch the most bugs (circle one below).

Knife Fork Spoon

I predict the _____ color will survive the best. (Will be eaten the least).

1. Which bird type survived the best? Why?

2. Which bird type died because they didn't get enough to eat? Why?

3. Which bug survived the best? Why?

4. Which bug was eaten the most? Why?
