FEED LABEL COMPARISON ACTIVITY

Name: _______________________

Materials:
1. Animal feed labels
2. Feed samples of the same diets may be useful.

Answer each of the following questions concerning your fish feed.

1. Provide a written description of each fish diet noting the ingredients, their amounts if given. If you are provided with real samples, then provide a physical description of the diet as well.

2. Compare and contrast the feed labels with respect to ingredients. What are the similarities, what are the differences?

3. Explain why the ingredients you listed were used in your diet. What do they provide in terms of nutrition? Are certain ingredients known for certain nutrient classes, i.e., which ingredients are used as protein sources, carbohydrates, fats, vitamins, etc?

4. Are any ingredients on the list present for flavor? Are some there to keep the diet from rotting?
5. Now that you have an understanding of fish feed ingredients, build a new fish diet using several alternatives. Try to make the diet good for fish, but inexpensive!

B. Design An Alternative Feed.

As you may have already learned, designing a fish feed is challenging. Aquaculturists are also trying to make diets out of new ingredients that are cost effective. Now it’s your turn!

1. Design an alternative fish feed using any ingredient that you wish.

2. List the ingredients (and their amounts) in a list.

3. Provide an explanation of the ingredient’s use: protein source, taste, texture, etc.

4. Once you have designed your new feed, discuss with your classmates if fish would eat it. Why? or Why not?