

Diets and Dangers Worksheet

1. Why is it important to understand what marine mammals eat?

2. Dolphin Case # _____

a. How many otoliths were found in the last meal? _____

b. Which fish species were consumed by the dolphin in its last meal?

3. Use your Case Card and the Food Web Trophic Level Guides to fill in the following table. Note, you will have to add up the levels from each Trophic Level Guide to fill out this table.

Dolphin Toxin Load:

Trophic Level	Total toxin level of organisms (mL)
Dolphin Last Meal (Tertiary Consumer)	
Secondary Consumer	
Primary Consumer	
Producer	

What is the total toxin level for your dolphin? _____

4. What is bioaccumulation?

5. What is biomagnification?

6. What is the difference between bioaccumulation and biomagnification?

7. Why do scientists need to understand animal diets and the potential dangers that affect the food web?