

Echolocation Worksheet

Part I Question/Fill in the Blank

1. Echolocation Concepts

- a. What is echolocation?
- b. _____ is a wave and form of energy that dolphins use to send a signal during echolocation?
- c. Why do dolphins use echolocation?
- d. Which dolphin sense is highly enhanced? (Sight, Hearing, Touch, Smell, Taste)

2. The Ecosystem

- a. An ecosystem is made up of two things a _____ community and the _____ factors that affect it?
- b. In general terms, a _____ is an animal that searches for and eats _____. (**Do not** give a specific animal, such as “cat” and “mouse”).
- c. Give two examples of predator—prey relationships in the dolphin’s ecosystem?

d. _____ moves or flows through the ecosystem in the form of food.

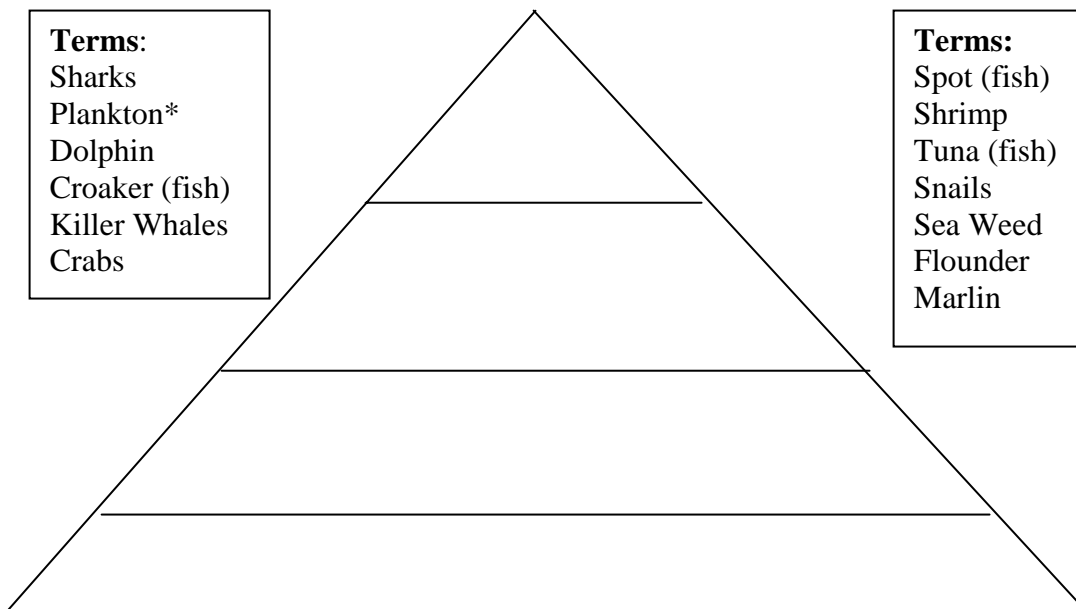
A food _____ or food web shows this flow as food passes from one organism to another.

3. Dolphin By-catch

a. What is by-catch?

b. Does by-catch cause problems in the dolphins ecosystem, Why?

Part II Energy Pyramid:



* tiny plant life on the ocean floor