

# Kānaka Mālama Kai Program Assessment Questions

You may: Email your responses to [lfoote@maui.net](mailto:lfoote@maui.net)

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**Your Name:**

**Date:**

## Program Basics

1. What does “Kānaka Mālama Kai” mean?
2. What is the goal of this program? What do we hope to accomplish?
3. How would you define “interpretation?”
4. Describe how you would approach someone at a snorkel site or onboard a boat.
5. If someone looks like they do not want to be approached, or tells you they don’t have any questions, what would you do?
6. If someone asked you what company to go snorkeling or whalewatching with, what would you tell them?
7. If someone was doing something “environmentally-unfriendly” (such as standing on coral, feeding fish, etc.) what would you do/say?
8. Give an example of something you could do/say that would preemptively prevent a person from having a destructive impact on the coral reef. (Imagine they are still onshore and haven’t snorkeled yet)
9. Which two or three of the Hawaii Coral Reef Network’s Sustainable Diving and Snorkeling Practices do you feel are most important, and why? (note: this is a subjective question!)
10. Why did YOU become a part of this program?

## Important Topics

### CORAL REEFS

1. How are corals classified? (what Kingdom?)
2. What are corals’ close relatives?
3. Corals have a symbiotic relationship with what type of organism that lives in their tissues? How do these two living things help each other?
4. What are some requirements for corals to survive and grow (physical, biological, habitat, conditions, etc.)?
5. What might happen to a person if they “interact” with coral?
6. Name three species of common corals that a visitor might see when snorkeling.
7. How do corals reproduce?
8. What are some threats to coral reef ecosystems?
9. How can a diver or snorkeler help to protect and preserve coral reefs?
10. What are the general recommendations presented in the Sustainable Diving & Snorkeling Guidelines regarding the handling of marine life?

## REEF FISHES

11. What percentage of reef fishes are endemic (unique) to Hawaii?
12. What are some characteristics that you can use to identify fishes?
13. Name four different fish families.
14. Describe what goes on at a “cleaning station.”
15. What is your favorite fish and why? (A good story to share with visitors!)
16. What are some possible effects of fish feeding?
17. If you saw someone at a site with fish food, what would you do/say?

## SHARKS

18. What types of sharks are people most likely to encounter when snorkeling?
19. Approximately how many tiger shark attacks are there each year in Hawaii?
20. What time(s) of the day are sharks most active?
21. What are people typically doing when they are attacked?
22. List two or three ways a person could reduce the risk of shark attack.
23. If someone asked you about sharks and shark attack, what would you tell them (briefly!)?

## DOLPHINS

24. What species of dolphins are visitors most likely to see while they are in Hawaii? (which three species are the most commonly encountered?) Name two other species of “toothed whales” that are less common.
25. What do spinner dolphins do at night and what do they do during the day?
26. How would you advise people to behave around wild dolphins?

## MONK SEALS

27. If you encounter a monk seal on a beach, what is it most likely doing?
28. How would you advise visitors to behave around a monk seal, in the water and on land?
29. About how many Hawaiian monk seals are in the population? Where else can monk seals be found?

## SEA TURTLES

30. What are the Hawaiian names of the Green Sea Turtle and the Hawksbill turtle?
31. How do you tell the green sea turtle apart from the hawksbill turtle? Which of the two species are visitors more likely to encounter?
32. How would you advise visitors to behave around sea turtles?
33. How big (length and weight) do green turtles get?
34. What do green turtles eat?
35. Why is the green sea turtle called “green” when its shell is actually mottled brown?
36. How long can green turtles stay underwater when they’re active? When they’re resting?
37. When do green turtles become sexually mature?
38. When and where do green sea turtles nest?
39. What is the survival rate for hatchlings?
40. Why were green turtles hunted?
41. When were green turtles protected?
42. What are some current threats to the green turtle?
43. What is Fibropapillomatosis (fp)?
44. What can happen to turtles with fp tumors?
45. Do we know what causes fp? What are some ideas about its cause?
46. Is this disease getting better or worse in the green turtle population of Hawaii?
47. What are appropriate guidelines for viewing green sea turtles in their habitat?
48. What can you do (and encourage others to do as well) to help sea turtles?

## HUMPBACK WHALES

49. What is the Hawaiian name of the humpback whale?
50. What is the approximate size & weight of an adult humpback? A calf at birth?
51. Where else can humpback whales be found in the North Pacific? Where else in the world?
52. Where are the humpback whales when they're NOT in Hawaii?
53. What are the main activities of the humpbacks when they're here in Hawaiian waters? In Northern waters?
54. About how many humpback whales are estimated to be in the North Pacific?
55. What are the approach regulations for humpback whales?

## HAWAIIAN CULTURE (a useful resource is: "*Nana I Ke Kumu, Look to the Source* (Vol. I) 1972")

1. Define the following Hawaiian values: `OHANA, LOKAHI, KULEANA, HO`OPONOPONO, KOKUA, LAULIMA, KAKO`O, PULE, HO`OMANAWANUI
2. Define the following: aumakua, ahupua'a, kapu

## **Fishing Regulations & Enforcement**

*Answers to questions 1- 5 can be found by referring to the booklet "Hawai'i Fishing Regulations"; also online at [http://www.hawaii.gov/dlnr/dar/fish\\_regs/](http://www.hawaii.gov/dlnr/dar/fish_regs/)*

1. Where are the Marine Life Conservation Districts in Maui County and what are their names?
2. Is it permitted to take coral or shells from Molokini, or to feed the fish there?
3. Is it permitted to take coral or shells from Honolua Bay, or to feed the fish there?
4. What is the longest period of time that a gill net may be left in the water during a 24-hour period? (page 46)
5. What are the rules about spearfishing? (page 47)
6. If you witness something illegal, such as fishing violations or harassment of protected species, what should you do? Should you approach the offending person(s)?

*NOTE: Some answers can be found in the notes from presentations that are on the CD. The CD has many references and resources that will help you, and the KMK website will also provide information on these topics.*