

Lab: The Truth Behind SpongeBob Squarepants

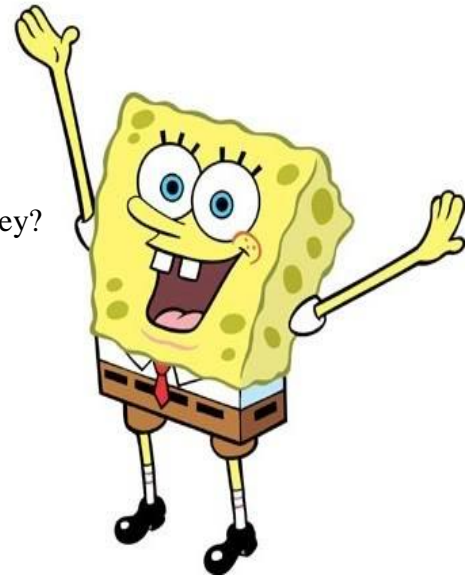
Answer the following questions at <http://www.oceanfutures.org/learning/kids-cove/truth-behind-spongebob>.

1. What is the name of the reef SpongeBob lives on?
2. What are ocean sponges?
3. How big do ocean sponges get?
4. What are the predators of sponges?
5. What do sponges feed on?
6. Describe the feeding of a sea star.
7. What type of plankton is "Plankton"?
8. Where does the word plankton come from?
9. How do zooplankton feed?
10. What are crabs related to?
11. What is wrong with the anatomy of "Squidward"?
12. Where does the term cephalopod come from?
13. How is a cuttlefish similar to an octopus?
14. How did the SpongeBob movie change the frogfish?
15. What is the effect of sedimentation on a reef?
16. How was ocean diving different in the early days?
17. Who invented SCUBA?
18. What is the benefit of the Newtsuit?



Take the quiz at <http://animals.howstuffworks.com/marine-life/coral-reef-quiz.htm>.

19. What is a coral reef?
20. How long until an estimated 70% of coral reefs disappear?
21. How does a coral reef contribute to the environment?
22. How big is a single coral?
23. What is a polyp?
24. Is coral a plant?
25. What does sessile mean?
26. Why did scientists originally think that corals were plants?
27. What is common to jellyfish, sea anemone and the coral?
28. Since it cannot move from place to place, how does coral hunt for prey?
29. Why could you consider coral a half-plant?
30. What do algae gain from coral?
31. What is this useful arrangement known as?
32. What is the substance that corals secrete?
33. To what use is this substance put?
34. How many polyps can be found on a single branching coral?
35. When polyps join together into a colony what happens to them?
36. How do polyps reproduce?
37. How is a new colony formed?
38. What do coral reefs need to survive and flourish?



What was your quiz score? _____

Visit <http://www.nick.com/spongebob-squarepants/> to watch a clip! See if you can identify the creatures we have been studying in this lab.