MLML Open House Scavenger Hunt!

Before you begin, think about what you expect to find here today. What do you think MLML marine scientists do?

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1. **Ichthyology Lab**: Catch a fish at the fishing station. What kind of fish is it?

Possible types of Rockfish: Kelp, Gopher, Black and Yellow, China, Brown, Copper, Treefish, *Black, Blue, Olive, Starry, Vermillion, Canary. Other fish: Kelp Greenling, Lingcod, Cabezon*

2. **Phycology Lab**: What does this lab study? Why are they serving ice cream?

Seaweed/algae. Ice cream has carrageenan, a carbohydrate from algae, to help make it *thick.*

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3. **Vertebrate Ecology Lab:** What marine reptile visits Monterey Bay? What does it eat?

 Leatherback sea turtles/ Jellyfish

4. **Benthic Ecology Lab:** What is SCINI and where does SCINI work?

SCINI is an ROV (Remotely Operated Vehicle), a robot that does work under the ice in *Antarctica.*

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5. **Invertebrate Zoology Lab:** Visit the touch tank outside.   What animal is your favorite? Write its name below and draw a picture of it in the box.

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6. **Biological Oceanography Lab:** Look through a microscope. What type of animal do you see? _____

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7. **Physical Oceanography Lab:** If you were a deep-sea fish hiding from an animal that was trying to eat you, what color would you want to be?

Red _____

8. **Chemical Oceanography Lab:** What element can scientists add to seawater to make the deep blue sea turn green with phytoplankton?

Iron _____

9. **Geological Oceanography Lab:** Monterey Bay has its own Grand Canyon. Where is it and what is it called?

The Monterey Submarine Canyon at the bottom of Monterey Bay (west of Moss Landing).

10. **Puppet Show:** Watch one of the puppet shows. What do the rockfish, scorpionfish and lionfish have in common?

Stinging spines. _____

Bonus: Find the squid display. What is the name of the largest squid in the world? (Brown tape on the floor).

The colossal squid. _____

When you're done: What surprised you the most about what you saw today?

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Return your pencil and show this completed sheet at the K-12 Ed Outreach table to get a stamp!