

Name _____

OCEAN ORGANISM PROJECT

Final project due 1/10/11

Research – you will research your chosen ocean organism to find out the following...

Physical description: average size, color, location of fins, eyes, gills, etc. (any special features that your organism has), and a description of how it moves. This information will be included in a “plaque” about the organism.

Habitat description and marine group: ocean life zone (benthic—sublittoral, bathyal, abyssal or hadal; pelagic—neritic), **at least 2 other** organisms that also live in the same zone, **and** group of marine life (plankton, nekton, or benthos).

Food and threats: what your organism eats, and what predators or conditions threaten your organism.

Adaptations: (minimum of 4) features that your organism uses to hide from or escape from prey, communicate, attract mates, eat, move in a unique way, etc.

Three-Dimensional Ocean Organism

Your mission is to create your ocean organism in a three dimensional manner. A 3-D object must have thickness to it—think stuffed animal or clay model, not a paper cut-out.

Requirements

1. The organism must be 3-D
2. The main features of the organism must be addressed. Think what makes your organism unique. (i.e. sting rays have long skinny tails, a large mouth, beady eyes, and wide fins; an anoplogaster has deep eyes, sharp teeth, and an enormous mouth)
3. It does not need to be to actual size, but size should be considered. Phytoplankton should not be created the size of a pinhead and a giant squid should not be made 64 feet long! Use common sense here and you’ll be just fine.
4. The features of the organism and *relative size* should be considered. (i.e. a hermit crab should be smaller than the shell that it is in; a crocodile should not have an enormous body with a tiny tail)
5. The color of the organism needs to be represented reasonably accurately.
6. Your name needs to be visibly marked on the organism.
7. You should **NOT** need to spend money on this project, and certainly less than \$10 total (if at all). There is plenty of stuff around your house that you can use – *you can gain extra points for cleverly reusing or incorporating recycled materials.*

Due Date: This project was assigned on December 14, 2010 and is **due in my classroom by 8:00 Monday, JANUARY 10, 2011.**

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Grading Rubric

Organism _____

The object is 3-D	0	1	2	3	4	5
The main features of the organism are recognizable and accurate.	0	5	10	15	20	25
The color of the organism is accurate	0	2	4	6	8	10
Neatness and care are obvious	0	1	2	3	4	5
Name is easily found and clearly written	0	1	2	3	4	5
This rubric is returned on time with organism	0	1	2	3	4	5

+ up to 3 points for using ‘recycled/recyclable’ materials

Total

_____/55