

## Marine Invertebrate Project



Students will:

- research a marine invertebrate and create an illustrated report or a 3 page research paper
- create a model or a labeled poster of their invertebrate
- present invertebrate to class

### Procedures

1. You will focus on marine invertebrates. Remember that there are many kinds of invertebrates that have different characteristics. In fact, marine invertebrates are some of the most unusual and extraordinary creatures in the ocean.

2. You may use any marine invertebrate discussed in class, or one that we have not discussed.

3. For each invertebrate, you will create an **illustrated report** or research paper that includes a minimum of the information below:

- Name of animal species- both common and scientific
- Phylum and Class of organism
- Size (length or height and weight; give a range)
- Physical characteristics
- Where does this animal live (habitat)? What part of the ocean (distribution)?
- How does it move?
- Unique behaviors
- Feeding Strategy -What and how does it eat/Digestive system
- Life cycle - reproductive strategy, lifespan, offspring, etc
- Defense strategy (ies)
- Strange or unusual fact

5. Make sure that you document where you got your information and pictures (APA style).

6. You may conduct research using print and Internet resources.

7. Create a colorful illustration, painting, or 3-D model. You **must** label or highlight important parts of the animal. This is **NOT** to be a computer generated drawing or illustration. (This is different from the illustrations in the report.) (Poster **must be on full sized poster paper**- 28"X22") Be sure to include both common and scientific name on model/poster.

8. We will do a similar project when we finish vertebrates. If you choose to do an illustrated report for invertebrates, you will be required to do the 3 page research paper for the vertebrates, and vice versa.

9. This is a project grade, which is the equivalent to a test grade. Both parts will count towards one project grade. This will be due on Tuesday, March 31st



# Invertebrate Project Grading Sheet



Name \_\_\_\_\_

Date \_\_\_\_\_

Name of invertebrate \_\_\_\_\_ Model \_\_\_\_\_ Poster \_\_\_\_\_

Task	Possible points	Points earned
2. Accurate information	4	
3. No more than 3 grammar or spelling mistakes	10	
4. Name of animal species- scientific and common, as well as Phylum and Class (must be specific animal not a group-ex. Jellys)	7	
5. Size (length or height and weight-give a range)	4	
6. Description of physical characteristics	16	
7. Where does the animal live in the world	8	
8. Where in the ocean		
9. How does it move?	5	
10. Unique behaviors	5	
11. What does it eat? Diet/eating habits, method of gathering food	10	
12. Life cycle (reproduction, offspring, life span)	10	
13. How does it defend itself?	8	
14. Strange or unusual fact	6	
14. Presentation/Appearance/Format	3	
15. citations	3	
<b>Total</b>	<b>100</b>	
<b>Model Poster</b>		
Accurate	<b>40</b>	
Labeled	20	
Effort	10	
Colorful	15	
Creative	15	
<b>Total</b>	<b>100</b>	