Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Due Date \_\_\_\_\_\_\_\_\_\_\_

**Marine Environments Poster Project**

You will create a visual-informational poster on the “**Characteristics of the Marine Environment”** (pages 16 – 20, *Introduction to Marine Biology* by Karleskint, Turner, and Small). You MUST have pictures and descriptions! You can either draw or print out pictures from the internet **(must be printed on your own printer on your own time!!)**. Give examples for each characteristic and be sure to include every vocabulary word listed in the grading rubric. BE CREATIVE!! HAVE FUN!! Turn in this page to Mrs. Crowder when you are finished with your poster!!

Your Partner(s) name(s) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How much work did you all do on the poster? What grade would you give your partners? Why? (5pts) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Grading Rubric*

|  |  |  |
| --- | --- | --- |
| **REQUIREMENTS** | **POINTS** | **YOUR POINTS** |
| **Homeostasis** – maintaining such. Give examples. | 4 |  |
| **Optimal range** and ZONES – diagram and explanation. Give examples | 6 |  |
| **Characteristics of Environment** |  |  |
| 1. **Sunlight** – description of characteristic and picture(s). | 10 |  |
| 1. *Phytoplankton* |  |  |
| 1. **Temperature** – description of characteristic and picture(s). | 10 |  |
| 1. *Ectotherms, endotherms, metabolism* |  |  |
| 1. **Salinity** – description of characteristic and picture(s). | 10 |  |
| 1. *Osmosis, isotonic, hypertonic, and hypotonic solutions* |  |  |
| 1. **Pressure** – description of characteristic and picture(s). | 10 |  |
| 1. *Relationship to ocean depth* |  |  |
| 1. **Metabolic Requirements** – description of characteristic and picture(s). | 10 |  |
| 1. *Nutrients, anaerobic and aerobic organisms, eutrophication, algal bloom* |  |  |
| 1. **Metabolic Wastes** – description of characteristic and picture(s). | 10 |  |
| **TOTAL GRADE** | **75** |  |





