**Aquatic Biomes- Mural Project**

**Grading Rubric**

**Marine: 5 zones (coastal, estuary, euphotic, bathyal, abyssal)**

**\*** must be on mural

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| **Marine Zone** | **Group Members** | **Abiotic Factors** | **Biotic Factors** | **Human Impacts HIPPCO** | **Knowledge about zone/research** | **Points Earned** |
|  |  | *\*Temperature, salinity, \*dissolved oxygen, \*turbidity etc…* | *5 producers and \*5 consumers*  *(must be able to explain the type of plants that live there, some zones don’t have plants but bacteria as producers* | *\*one human impact* | *Group is able to teach others about zone ex. interesting facts, able to answer questions, HIPPCO etc..* | *20 points possible* |
| **Coastal Zone** |  |  |  |  |  |  |
| **Estuary** |  |  |  |  |  |  |
| **Euphotic** |  |  |  |  |  |  |
| **Bathyal** |  |  |  |  |  |  |
| **Abyssal** |  |  |  |  |  |  |

**Freshwater: 3 zones (source, transition, floodplain)**

**\*** must be on mural

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| **Freshwater** | **Group Members** | **Abiotic Factors** | **Biotic Factors** | **Human Impacts HIPPCO** | **Knowledge about zone/research** | **Points Earned** |
|  |  | *\*Temperature, salinity, \*dissolved oxygen, \*turbidity etc…* | *5 producers and \*5 consumers*  *(must be able to explain the type of plants that live there, some zones don’t have plants but bacteria as producers* | *\*one human impact* | *Group is able to teach others about zone ex. interesting facts, able to answer questions, HIPPCO etc..* | *20 points possible* |
| **Source** |  |  |  |  |  |  |
| **Transition** |  |  |  |  |  |  |
| **Floodplain** |  |  |  |  |  |  |

**Lakes: 4 zones (littoral, limnetic, profundal, benthic)**

**\*** must be on mural

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| **Lakes** | **Group Members** | **Abiotic Factors** | **Biotic Factors** | **Human Impacts HIPPCO** | **Knowledge about zone/research** | **Points Earned** |
|  |  | *\*Temperature, salinity, \*dissolved oxygen, \*turbidity etc…* | *5 producers and \*5 consumers*  *(must be able to explain the type of plants that live there, some zones don’t have plants but bacteria as producers* | *\*one human impact* | *Group is able to teach others about zone ex. interesting facts, able to answer questions, HIPPCO etc..* | *20 points possible* |
| **Littoral** |  |  |  |  |  |  |
| **Limnetic** |  |  |  |  |  |  |
| **Profundal** |  |  |  |  |  |  |
| **Benthic** |  |  |  |  |  |  |