**Save our Hydrosphere Rubric**

**Name: ­­ Topic: Points: ­­­\_\_\_\_\_/**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Hydrosphere Project** | **Not Attempted (0)** | **Does Not Meet (2)** | **Approaching (4)** | **Good (6)** | **Excellent (8)** |
| **TOPIC RESEARCH** | **Meets none of the criteria represented on the right.** | **Meets 1 of the 4 criteria represented on the right.** | **Meets 2 of the 4 criteria represented on the right.** | **Meets 3 of the 4 criteria represented on the right.** | * **Diligently researches the given topic in the class time provided**
* **Provides at least 3 written sources**
* **Research is thorough, including at least two types of sources (journal, website, video/animation, newspaper, etc.)**
* **Avoids biased sources or appropriately indicates bias within the source**
 |
| **INTRODUCTION TO THE PROBLEM**  |  |  |  |  | * **Detailed background information on the topic is provided**
* **Explains what the problem entails**
* **Explains to whom & where the problem affects (global, national, regional)**
* **Indicates causes of the hydrosphere-related problem**
 |
| **Hydrosphere Project** | **Not Attempted (0)** | **Does Not Meet (3)** | **Approaching (6)** | **Good (9)** | **Excellent (12)** |
| **WATER QUALITY OF THE AFFECTED AREA** | **Meets none of the criteria represented on the right.** | **Meets 1 of the 4 criteria represented on the right.** | **Meets 2 of the 4 criteria represented on the right.** | **Meets 3 of the 4 criteria represented on the right.** | * **Describes how the problem influenced the nutrient levels within the water**
* **Describes how the problem influenced the turbidity of the water**
* **Describes how the problem affected the water in other ways (conductance, acidity, temperature, etc.)**
* **Compares the water quality before the problem to the water quality after the problem occurred**
 |
| **Hydrosphere Project** | **Not Attempted (0)** | **Does Not Meet (3)** | **Approaching (6)** | **Good (9)** | **Excellent (12)** |
| **EFFECTS ON BIODIVERSITY AND THE FOOD CHAIN** | **Meets none of the criteria represented on the right.** | **Meets 1 of the 4 criteria represented on the right.** | **Meets 2 of the 4 criteria represented on the right.** | **Meets 3 of the 4 criteria represented on the right.** | * **Describes how the issue affects biodiversity**
* **Explains how the issue affects the food chain**
* **Describes the effects locally, nationally, and globally**
* **Provides supporting evidence**
 |
| **EFFECTS ON THE NUTRIENT CYCLE & THE HYDROSPHERE** |  |  |  |  | * **Describes how the issue affects on the nutrient cycle after the incident**
* **Explain how this altered nutrient cycle then affects other areas of the ecosystem**
* **Explains how this problem relates to the entire hydrosphere**
* **Provides reasoning and supporting evidence**
 |
| **EFFECTS ON HUMANS** |  |  |  |  | * **Describes the effects on human populations**
* **Describes the effects locally, nationally, and globally**
* **Describes the effects on the economy, government, medicine, or other industries**
* **Provides reasoning and supporting evidence**
 |
| **Hydrosphere Project** | **Not Attempted (0)** | **Does Not Meet (5)** | **Approaching (10)** | **Good (15)** | **Excellent (20)** |
| **NEW SOLUTIONS TO THE PROBLEM** | **Meets none of the criteria represented on the right.** | **Meets 1-2 of the 7 criteria represented on the right.** | **Meets 3-4 of the 7 criteria represented on the right.** | **Meets 5-6 of the 7 criteria represented on the right.** | * **Describes past attempts of trying to solve the problem (if none, explain why)**
* **Develops a well-thought out, novel solution to the problem**
* **Explains why the solution is necessary for the health of the hydrosphere**
* **Provides reasoning of why the solution is beneficial to humans, biodiversity, and the overall health of the earth**
* **Persuades the audience why the solution is the best choice for solving the issue**
* **Explains how this environmental disaster can be prevented in the future**
* **Provides a visual (poster, drawing, model, video, etc.) of how the solution works**
 |
| **Hydrosphere Project** | **Not Attempted (0)** | **Does Not Meet (2)** | **Approaching (4)** | **Good (6)** | **Excellent (8)** |
| **PARTICIPATION AND CREATIVITY** | **Meets none of the criteria represented on the right.** | **Meets 1 of the 4 criteria represented on the right.** | **Meets 2 of the 4 criteria represented on the right.** | **Meets 3 of the 4 criteria represented on the right.** | * **Project shows effort and enthusiasm**
* **Project is creative and persuasive**
* **Project is highly informative and detailed**
* **Project has at least two visual aids (doesn’t have to be a slideshow, though!)**
 |
| **PARTNER EVALUATION** | **You will be evaluated by your partners, and you score for this portion will be the average of your partners’ evaluations of your cooperation, work, and diligence on the project. For this portion, your score will be out of 8 points.** |