**Gutters and Global Wind Grading Rubric** Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_\_\_Score\_\_\_\_\_\_\_\_/4

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Category | Advanced | Proficient | Partially Proficient | Unsatisfactory |
| Race Data  \_\_\_/4 | Exceptional detail included in drawings, notes include considerable additional information | Drawings include:  \_\_ Basic hull (Styrofoam) design  \_\_ Basic sail design  Numerical data:  \_\_ Time for each boat  \_\_ Calculated averages | 1 element missing from proficient requirements | 2 or more elements missing from proficient requirements |
| Drawings with captions  \_\_\_/4 | Exceptional detail included in drawings, notes include considerable additional information | \_\_ Good quality drawing of your sailboat design with labels and captions which summarize specific features  \_\_\_ Good quality drawing of the race set up with labels. Drawing should clearly communicate the conditions the boats were raced in. | \_\_ Fair quality drawing of your sailboat design with labels and captions which summarize specific features  \_\_\_ Fair quality drawing of the race set up with labels. Drawing should clearly communicate the conditions the boats were raced in. | \_\_\_Drawing poor or missing.  \_\_\_ Captions / labels missing which describe the conditions the boats were raced in |
| Summary Paragraph  Design Analysis  \_\_\_/4 | Exceptional detail included in paragraph and drawings | \_\_\_ Specific examples from the data of boat design features which were most effective. (design features of the fastest boats)  \_\_\_Specific examples from the data of boat design features which were least effective. (design features of boats that were slower)  \_\_\_ At least 1 example of a design “puzzle” is discussed  \_\_\_ Good quality sketch of hypothetical design with captions which explain why the features were chosen | 1 element missing from proficient requirements | 2 or more elements missing from proficient requirements |
| Global Winds  \_\_\_/4 | Exceptional detail included in map and explanations | \_\_\_ Westerlies, trade winds and doldrums lightly drawn on map  \_\_\_ Most likely route - head south/southeast to South American Coast and the head east below Australia  \_\_\_ Explanation includes your reasoning why you chose that particular route | 1 element missing from proficient requirements | 2 or more elements missing from proficient requirements |

\_\_\_/16 ÷ 4 = \_\_\_/ 4