**Engineering a Seawall Rubric**

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| **Rubric Points** |
|  | 1 | 2 | 3 |
| **Presentation** | Group reports some findings and data accurately. Cannot fully explain reasoning behind design. | Group reports most findings and data accurately. Able to explain design but not necessarily make everything connect back to previous knowledge. | Group reports findings and data accurately and explain the reasoning behind their design with evidence of previous research. |
| **Planning & Procedure** | Some worksheets are filled out and some math is correct. Students followed partial instructions and brainstormed one iteration. | All worksheets are filled out and most math is correct. Students followed most instructions and brainstormed two different iterations. | All worksheets are filled out and all math is correct. Students followed all instructions and brainstormed two different iterations. |
| **Design** | Model followed some constraints and criteria. Drawn designs and plans do not match model. One iteration complete. | Model followed most constraints and criteria. Drawn designs and plans mostly match model. Both iterations complete. | Model followed all constraints and criteria. Drawn designs and plans match model. Both iterations complete. |