

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

## Math Portfolio Rubric

### Portfolio Project: Cereal Box Design Project

Criteria (Weight)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Points Awarded
<b>Reasoning and Communication (x2)</b>	The student provides a <b>clear, logical, and precise</b> explanation of his/her reasoning and planning.	The student provides an <b>adequate</b> explanation of his/her reasoning and planning.	The student provides a <b>partial</b> explanation of his/her reasoning and planning.	The student provides a <b>limited</b> explanation of his/her reasoning and planning.	<b>/8</b>
<b>Modeling and/or Use of Tools (x1)</b>	The portfolio project demonstrates <b>excellent</b> modeling and/or use of tools. Measurements are <b>exact</b> and diagrams are used <b>effectively</b> .	The portfolio project demonstrates <b>adequate</b> modeling and/or use of tools. Measurements are <b>adequate</b> and diagrams are used <b>somewhat effectively</b> .	The portfolio project demonstrates <b>some</b> modeling and/or use of tools. Measurements and diagrams are <b>present</b> , but are <b>ineffective</b> .	The portfolio project demonstrates <b>little or no</b> modeling and/or use of tools.	<b>/4</b>

Criteria (Weight)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Points Awarded
<b>Presentation (x2)</b>	The portfolio project demonstrates a <b>fully developed</b> understanding of surface area and volume. Correct formulas are used and calculations contain <b>no mistakes</b> .	The portfolio project demonstrates an <b>adequate</b> understanding of surface area and volume. Correct formulas are used and calculations contain <b>few mistakes</b> .	The portfolio project demonstrates a <b>basic</b> understanding of surface area and volume. Correct formulas are used, but calculations contain <b>many mistakes</b> .	The portfolio project demonstrates an <b>inaccurate</b> understanding of surface area and volume. <b>Incorrect formulas are used.</b>	<b>/8</b>

**Total points: /20**

**Comments**