

**Unit 3 Project Rubric – Option 3**

Criteria	Level 1	Level 2	Level 3	Level 4	Level 5
<b>Understanding</b>					
<ul style="list-style-type: none"> <li>• <b>strategies and mathematical processes</b></li> <li>• <b>comparisons and connections</b></li> </ul>	<ul style="list-style-type: none"> <li>• develops an initial start</li> <li>• chooses some reciprocal or absolute value functions but does not connect the functions to a logo for space tourism</li> </ul>	<ul style="list-style-type: none"> <li>• develops some relevant strategies and procedures</li> <li>• chooses some reciprocal and absolute value functions and connects the functions to a logo for space tourism</li> </ul>	<ul style="list-style-type: none"> <li>• develops relevant strategies and procedures</li> <li>• correctly completes the selection of reciprocal and absolute value functions related to logo for space tourism; domains are provided but may contain minor errors</li> </ul>	<ul style="list-style-type: none"> <li>• develops thoroughly; domain may contain a minor error</li> <li>• are reasonable; demonstrate a thorough understanding of the relationship between the selected reciprocal and absolute value functions and logo promoting space tourism</li> </ul>	<ul style="list-style-type: none"> <li>• develops thoroughly</li> <li>• are significant; demonstrate a comprehensive understanding</li> </ul>
<b>Connections</b>					
<ul style="list-style-type: none"> <li>• <b>procedures</b></li> <li>• <b>reflect level of understanding</b></li> </ul>	<ul style="list-style-type: none"> <li>• reflects a correct start</li> <li>• may attempt to choose functions but poor communication makes link between functions and logo design unclear</li> </ul>	<ul style="list-style-type: none"> <li>• may be partially correct</li> <li>• chooses functions but they may not meet the requirements for the logo</li> </ul>	<ul style="list-style-type: none"> <li>• are basic</li> <li>• chooses at least one reciprocal and one absolute value function</li> </ul>	<ul style="list-style-type: none"> <li>• are reasonable</li> <li>• chooses functions that meet the requirements and are appropriate; logo may contain an error in graphing a function</li> </ul>	<ul style="list-style-type: none"> <li>• are efficient and effective</li> <li>• chooses functions for an effective logo promoting space tourism; logo may contain a minor mathematical error that does not affect understanding</li> </ul>
<b>Communicating</b>					
<ul style="list-style-type: none"> <li>• <b>use of mathematical language</b></li> <li>• <b>level of support for conclusions</b></li> </ul>	<ul style="list-style-type: none"> <li>• uses poorly or not at all</li> <li>• provides weak or no information about functions used for logo</li> </ul>	<ul style="list-style-type: none"> <li>• uses little or none</li> <li>• provides minimal information about functions used for logo</li> </ul>	<ul style="list-style-type: none"> <li>• uses common language</li> <li>• provides basic information about functions used for logo</li> </ul>	<ul style="list-style-type: none"> <li>• uses appropriate language</li> <li>• provides accurate information about functions used for logo</li> </ul>	<ul style="list-style-type: none"> <li>• uses significant language</li> <li>• provides accurate and in-depth information about functions used for logo</li> </ul>



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

**BLM U3-4**  
(continued)

Criteria	Level 1	Level 2	Level 3	Level 4	Level 5
<b>Presenting</b>					
<ul style="list-style-type: none"> <li>• <b>appropriateness of format</b></li> </ul>	<ul style="list-style-type: none"> <li>• may include an initial start to logo</li> </ul>	<ul style="list-style-type: none"> <li>• provides logo that is not complete or well developed</li> </ul>	<ul style="list-style-type: none"> <li>• provides logo that accurately represents at least one reciprocal and one absolute value function but logo may not be appropriate for space tourism</li> </ul>	<ul style="list-style-type: none"> <li>• provides appropriate logo for space tourism</li> </ul>	<ul style="list-style-type: none"> <li>• provides an effective logo for space tourism with significant authority</li> </ul>
<ul style="list-style-type: none"> <li>• <b>clarity</b></li> </ul>	<ul style="list-style-type: none"> <li>• includes little or no communication</li> </ul>	<ul style="list-style-type: none"> <li>• communicates at a basic level</li> </ul>	<ul style="list-style-type: none"> <li>• communicates with some difficulty</li> </ul>	<ul style="list-style-type: none"> <li>• provides clear communication</li> </ul>	<ul style="list-style-type: none"> <li>• provides clear and concise communication</li> </ul>
<ul style="list-style-type: none"> <li>• <b>audience appeal</b></li> </ul>	<ul style="list-style-type: none"> <li>• audience is not considered</li> </ul>	<ul style="list-style-type: none"> <li>• provides weak appeal to audience</li> </ul>	<ul style="list-style-type: none"> <li>• may not consistently communicate directly to audience or consider needs/interests of audience</li> </ul>	<ul style="list-style-type: none"> <li>• communicates directly to audience</li> </ul>	<ul style="list-style-type: none"> <li>• focusses on needs and interests of intended audience</li> </ul>
<ul style="list-style-type: none"> <li>• <b>accuracy of information</b></li> </ul>	<ul style="list-style-type: none"> <li>• provides no supporting information</li> </ul>	<ul style="list-style-type: none"> <li>• information supporting logo is minimal and may be inaccurate</li> </ul>	<ul style="list-style-type: none"> <li>• information supporting logo is basic and mostly accurate</li> </ul>	<ul style="list-style-type: none"> <li>• information is accurate</li> </ul>	<ul style="list-style-type: none"> <li>• information is accurate and in-depth</li> </ul>

