

	<b>Understand the problem</b>	<b>Persevere in Solving the Problem</b>	<b>Development of Quantitative and Abstract Reasoning</b>	<b>Clearly Justifies Reasoning</b>	<b>Attend to Precision</b>
4	<ul style="list-style-type: none"> <li>➔ Worked independently</li> <li>➔ Detailed plan or rough draft</li> <li>➔ Solid evidence of work</li> </ul>	<ul style="list-style-type: none"> <li>➔ Completed all project tasks</li> <li>➔ Followed all the directions</li> <li>➔ Used project rubric to complete assigned problem</li> </ul>	<ul style="list-style-type: none"> <li>➔ Connection between math topics/real world evident</li> <li>➔ Made a reasonable response</li> <li>➔ Shifted effectively between pattern representations</li> </ul>	<ul style="list-style-type: none"> <li>➔ Describes all key concepts using appropriate math language/math symbols</li> <li>➔ Effectively justifies conclusions</li> <li>➔ Makes plausible arguments</li> </ul>	<ul style="list-style-type: none"> <li>➔ Correct spelling and usage of vocabulary words</li> <li>➔ Proper number format</li> <li>➔ Accuracy of calculations/ identifying variables</li> <li>➔ Units labelled correctly</li> </ul>
3	<ul style="list-style-type: none"> <li>➔ Needed limited assistance</li> <li>➔ Plan or rough draft mostly completed</li> <li>➔ Some evidence of work</li> </ul>	<ul style="list-style-type: none"> <li>➔ Tasks are mostly completed</li> <li>➔ Followed most of the directions</li> <li>➔ Mostly used the rubric to complete the assigned problem</li> </ul>	<ul style="list-style-type: none"> <li>➔ Connection between math topic/real world is not fully developed</li> <li>➔ Made a somewhat reasonable response</li> <li>➔ Some shifts in pattern representations</li> </ul>	<ul style="list-style-type: none"> <li>➔ Some facts are used but with insufficient description of why</li> <li>➔ Mostly justifies conclusions</li> <li>➔ Makes plausible arguments</li> </ul>	<ul style="list-style-type: none"> <li>➔ Variables used correctly but without definition</li> <li>➔ Calculations completed but with some minor flaws</li> <li>➔</li> <li>➔ Most units labeled correctly</li> </ul>
2	<ul style="list-style-type: none"> <li>➔ Needed assistance</li> <li>➔ Some plan or rough draft</li> <li>➔ Limited evidence of work</li> </ul>	<ul style="list-style-type: none"> <li>➔ Some tasks are completed</li> <li>➔ Followed some of the directions</li> </ul>	<ul style="list-style-type: none"> <li>➔ Connection between math topic/real world is unclear</li> <li>➔ Response is limited</li> <li>➔ Few shifts in pattern representations</li> </ul>	<ul style="list-style-type: none"> <li>➔ Only supportive facts are used without reference to why</li> <li>➔ Somewhat justifies conclusions</li> </ul>	<ul style="list-style-type: none"> <li>➔ Lack of labels</li> <li>➔ Calculations completed but with major flaws</li> </ul>

		<ul style="list-style-type: none"> <li>➡ Some use of the project rubric</li> </ul>		<ul style="list-style-type: none"> <li>➡ Some plausible arguments are made</li> </ul>	<ul style="list-style-type: none"> <li>➡ Few units labeled/inaccurate labels</li> </ul>
1	<ul style="list-style-type: none"> <li>➡ Needed significant adult assistance</li> <li>➡ Little or no plan or rough draft</li> <li>➡ Little or no evidence of work</li> </ul>	<ul style="list-style-type: none"> <li>➡ Insufficient evidence of tasks is supplied</li> <li>➡ Did not follow directions/followed only few of the directions</li> <li>➡ Did not follow the project rubric</li> </ul>	<ul style="list-style-type: none"> <li>➡ Connection is not made between the math topic/real world</li> <li>➡ no response</li> <li>➡ No shift</li> </ul>	<ul style="list-style-type: none"> <li>➡ Facts used do not support the argument</li> <li>➡ Does not justify conclusions</li> <li>➡ Does not make plausible arguments</li> </ul>	<ul style="list-style-type: none"> <li>➡ No labels or units</li> <li>➡ Lacks correct spelling</li> <li>➡ Limited or no use of math vocabulary</li> </ul>