# Physics/Math Survival Guide

<table>
<thead>
<tr>
<th>Content: (This is “Do you know your stuff?”)</th>
<th>Does Not Meet Expectations</th>
<th>Approaches Expectations</th>
<th>Meets Expectations</th>
<th>Exceeds Expectations</th>
<th>One thing that could be improved …</th>
</tr>
</thead>
<tbody>
<tr>
<td>The PSG does not contain relevant or accurate information. There is limited, if any, representation of understanding.</td>
<td>The PSG shows a development of concepts and application yet is lacking in full-thought process and complete connections.</td>
<td>Significant knowledge of factual information or understanding of mathematic concepts, principles, and processes are shown, as well as how they apply to physics.</td>
<td>This product shows accurate and authentic content. Standards are met in an in-depth and relevant way. The work is sophisticated and demonstrates a deep understanding.</td>
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| Process: (This is “Are you organized and is your Guide logical?”) | The Survival Guide is not effective as a tool to help a student in a physics class. | There are hints of logic and rationale behind the PSG, but it is somewhat inefficient or not as organized as it could be. | There is comprehensive effectiveness of the PSG. The PSG is logically organized and can serve as an effective tool. | The PSG is organized and revised. The time and effort put into the product are evident in that any audience can glean the purpose of the product. |

| Quality: (This is “Did you do this project before the night before?”) | The quality of work of the PSG is poor, and there is an obvious lack of effort and time spent in production and completion of the PSG. | This PSG is a great “first draft.” It is well on its way to being outstanding, but it is missing some detail, rigor, and polish. It looks less-refined. | The PSG is mechanically and mathematically sound. The product looks finished and complete. It is polished and refined. | This attractive, engaging, and memorable PSG can be a tool for physics students at any level and beyond. It is well-crafted and designed to be fully functional. |

| Result: (This is “Did you answer the question?”) | The PSG did not address the goals, purposes, or intended results. | Although this PSG is approaching usefulness and significance, there can be improvement in the effect of the total product. | The PSG can lead to an efficient and informative impact and meaningfully achieved the unit goals, purposes, or results. | The product is convincing and conclusive. The goal of producing a “Physics Survival Guide” is met in that this product truly can help a student not only survive, by thrive! |