



# Engineering Notebook Rubric

## Team Projects

### Next Generation Science Standards Addressed

#### MS Engineering Design

MS-ETS1-1.

MS-ETS1-2.

MS-ETS1-3.

MS-ETS1-4.

### Common Core Standards Addressed

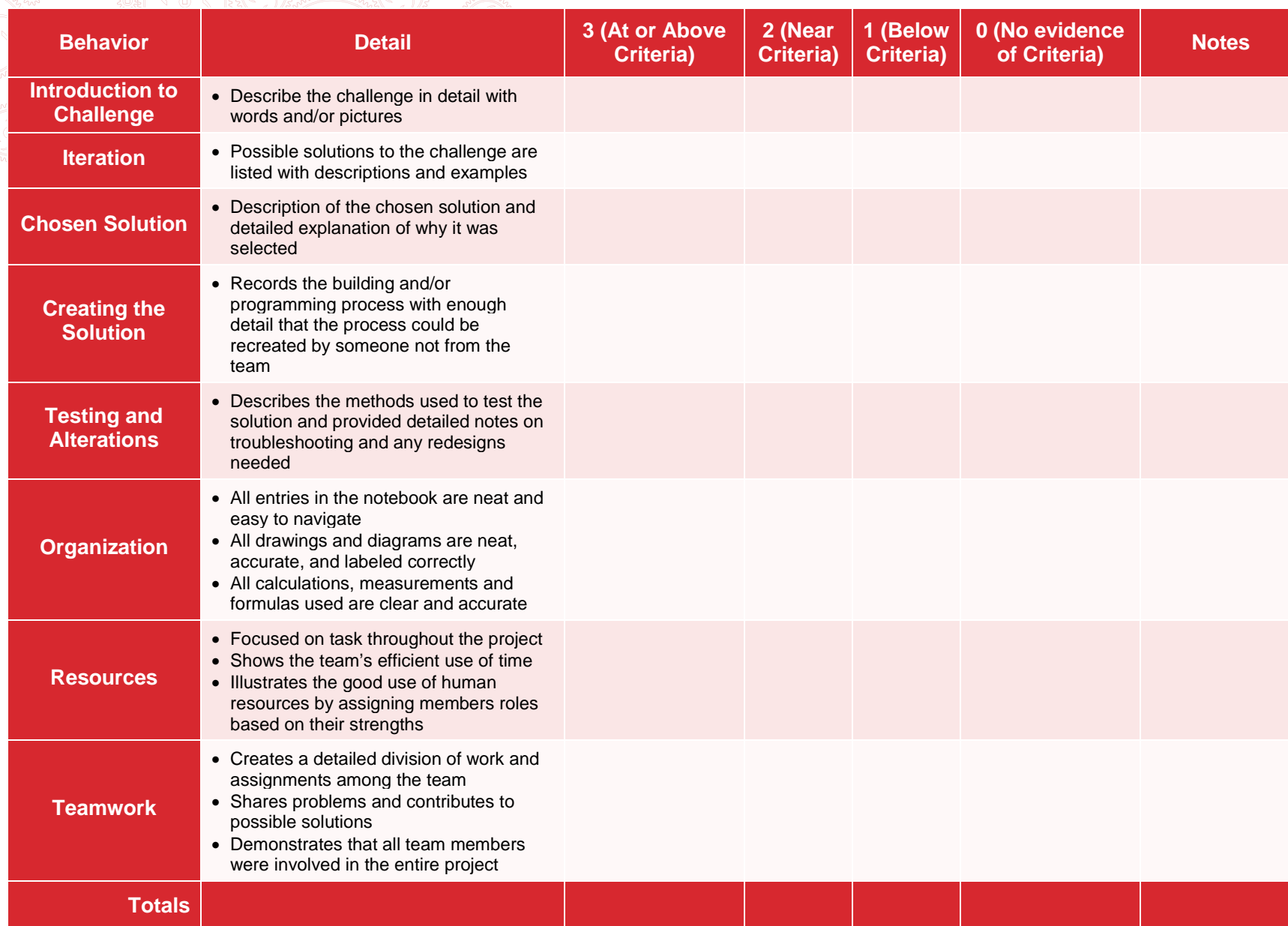
WHST.11-12.7

### TEK Standard Addressed

110.53.b.2

110.53.b.3





Behavior	Detail	3 (At or Above Criteria)	2 (Near Criteria)	1 (Below Criteria)	0 (No evidence of Criteria)	Notes
<b>Introduction to Challenge</b>	<ul style="list-style-type: none"> <li>Describe the challenge in detail with words and/or pictures</li> </ul>					
<b>Iteration</b>	<ul style="list-style-type: none"> <li>Possible solutions to the challenge are listed with descriptions and examples</li> </ul>					
<b>Chosen Solution</b>	<ul style="list-style-type: none"> <li>Description of the chosen solution and detailed explanation of why it was selected</li> </ul>					
<b>Creating the Solution</b>	<ul style="list-style-type: none"> <li>Records the building and/or programming process with enough detail that the process could be recreated by someone not from the team</li> </ul>					
<b>Testing and Alterations</b>	<ul style="list-style-type: none"> <li>Describes the methods used to test the solution and provided detailed notes on troubleshooting and any redesigns needed</li> </ul>					
<b>Organization</b>	<ul style="list-style-type: none"> <li>All entries in the notebook are neat and easy to navigate</li> <li>All drawings and diagrams are neat, accurate, and labeled correctly</li> <li>All calculations, measurements and formulas used are clear and accurate</li> </ul>					
<b>Resources</b>	<ul style="list-style-type: none"> <li>Focused on task throughout the project</li> <li>Shows the team's efficient use of time</li> <li>Illustrates the good use of human resources by assigning members roles based on their strengths</li> </ul>					
<b>Teamwork</b>	<ul style="list-style-type: none"> <li>Creates a detailed division of work and assignments among the team</li> <li>Shares problems and contributes to possible solutions</li> <li>Demonstrates that all team members were involved in the entire project</li> </ul>					
<b>Totals</b>						