

Period:

Name:

**Specifications:**

**ONGOING REFLECTION**

Constant Check and Adjust

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| **In a short constructed response, reflect on the progress of your project by using one of the following**:  1. Reflect on the progress of your project.  2. Set a goal to accomplish in the given class period. |

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| **Date** | **Reflections/Goal Sets** |
| 1/10 | Example: Yesterday we learned about the effects of Compression and Tension forces on Truss Bridges. I will apply these terms while developing my Truss Design during today’s design day. |

**INVESTIGATION**

Define Problem and Research

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| **State the Problem**: |

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| **Investigate the problem by…. (Fill in how here).** | **Thumbnails/Examples**  **From Other Sources** |
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**DESIGN/PLAN**

Possible Design Solutions and Meeting Specifications

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| **Generate Two or More Possible Designs**  (Paste CAD or Pictures or Equivalent Drawings Here) |
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| **Present Chosen Design to Meet the Problem**  (Paste CAD or Equivalent Final Drawings or Pictures Here) |
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| ***DESIGN EVALUATION:***  **Justify the chosen design?**      **How does your chosen design meet the Design Specifications**? (Located on Design Brief Cover Sheet) |

**Design Plan**

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| **Develop a solution to the problem by producing a step by step plan. Be sure to include all necessary resources and tools for each step.**  (Develop a solution to the problem by producing a step by step plan. Be sure to include all necessary resources and tools for each step) |
| 1.  2.  3.  4.  5. |

**EVALUATION**

Evaluate the Product/Solution against the Design Specification

\*NOTE: Please answer all in a short constructed response.

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| **After completing your project, write a paragraph in which you analyze any modifications or adjustments made to your project during the creation step, providing examples to clarify your reasons for change.** |
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| **After testing yours and seeing additional products tested, write a paragraph in which you analyze ways of improving your project, providing examples to clarify your analysis.** |
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