**Engineering Design Process Worksheet**

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(name) (class number) (grade)

Mr. Stribley

Design & Technology - \_\_\_\_\_\_\_\_\_\_

(period)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (topic)

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1. **Define the Problem**

Write your problem in a few sentences:

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1. **Research the Problem**

Record three sources. Source can be a URL domain.

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| Name: | Name: | Name: |
| Source: | Source: | Source: |
| Sketch: | Sketch: | Sketch: |

1. **Develop Possible Solutions**

Draw four ideas and use labels.

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1. **Choose the Best Solution**

Which solution number did you choose:\_\_\_\_\_\_\_\_\_\_\_\_

Explain why:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. **Create a Prototype**

List any changes you made to your design as you build:

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1. **Test and Evaluate**

Was your design successful?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Explain why:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. **Communicate**

Write a paragraph summary about your group and project.

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**8. Redesign**

In a paragraph, how would you change your design?:

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Draw an example:

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