A Design Portfolio

Name__________________________

Team Name_____________________

<table>
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<tr>
<th>Team Members</th>
<th>Role</th>
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Problem Statement *(Description of problem I/we need to solve)*

______________________________________________________________________________

______________________________________________________________________________

______________________________________________________________________________

______________________________________________________________________________

Specifications *(What are the project requirements? What must my solution do?)*

______________________________________________________________________________

______________________________________________________________________________

______________________________________________________________________________

______________________________________________________________________________

Constraints *(Things that limit my solution like size, weight, time, materials, cost)*

______________________________________________________________________________

______________________________________________________________________________

______________________________________________________________________________

______________________________________________________________________________

Funded in part by the National Science Foundation
Research/Investigation (What do I know about the problem? What do I have to find out?)

______________________________________________________________________________

______________________________________________________________________________

______________________________________________________________________________

______________________________________________________________________________

What did you find out? (You can glue pictures here too)

______________________________________________________________________________

______________________________________________________________________________

______________________________________________________________________________

______________________________________________________________________________

Brainstorming/Sketches of my ideas
Circle your best idea/sketch
What will you need to make your design?
Materials

Tools

How will you test your design to meet specifications and constraints?

How will you record the results?

My Hypothesis (What I think will happen when I test the design)
Test Results--How did the design work?
(What I found: Please display data in the form of graphs, tables, charts)

A Drawing of My Design as I Built It
Aspects of my design I was happy with (and why you were)
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________

As a result of this experience, I learned that...
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________

Next time, I would... (Tell about some things that you would change or improve.
Include why and how you would do this.)
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________

Daily Learning Log

Day___
This is what I did
today:_______________________________________________________
_____________________________________________________________
_____________________________________________________________

This is what I learned
today:_______________________________________________________
_____________________________________________________________
_____________________________________________________________

Day___
This is what I did
today:_______________________________________________________
_____________________________________________________________

This is what I learned
today:_______________________________________________________
_____________________________________________________________

Day___
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