

WHAT PROBLEM DOES IT SOLVE?

"IDEAS ARE A DIME A DOZEN. PEOPLE WHO IMPLEMENT THEM ARE PRICELESS" - MARY KAY ASH

Introduction:

The world is full of incredible ideas that never go anywhere because great ideas are useless without someone full of passion to implement them. Great ideas are born by the minute. At some point you have to decide to stop talking about your ideas and take the first step with enough confidence to carry you through to the next step. With each step forward new doors will open and your idea will expand. Keep your eyes and ears open and never be afraid to share your idea with others to get feedback. Never forget to stay passionate about your ideas. It's that passion that will carry you through the difficult times that inevitably come along the path of implementation. Implementing an idea can be intimidating, but taking that first step forward is the most important thing you can do to get your idea off the ground.

Rees, Amy. "Ideas are a Dime a Dozen. People Who Implement Them are Priceless." Forbes. March 14, 2013. Web.

Challenge:

Develop a design solution to a problem

Final Requirements:

1. A model, prototype, or animation/ visualization.
2. CAD Drawings (2D or 3D) - Dimensioned, scaled, and set up on a sheet in paper space.
3. Five minute (maximum) presentation on your design solution to give to the class.
4. Documentation of your design process and final outcome in your online portfolio.

Background Information:

Use the 5-Step Design Process:

Step 1- I.D. the problem

Step 2- Concepts and Ideas (Brainstorming/ Sketching/ Researching)

Step 3- Compromise your solution

Step 4- Models/ Prototypes

Step 5- Working Drawings

Use AutoCAD or Inventor for CAD Drawings, plus any other programs you would like.

Work may be done outside of class, but everyday class time also must be used for progress on the project.

Schedule:

May 2 Project Introduction	May 3 Step 1 & 2	May 4 Career Day	May 5 Step 2 & 3	May 6 Step 3
May 9 Step 4 & 5	May 10 Step 4 & 5	May 11 Step 4 & 5	May 12 Step 4 & 5	May 13 Step 4 & 5
May 16 Step 4 & 5	May 17 Project Due @ end of hour.	May 18 Presentations	May 19 Presentations	May 20 On-line portfolio documentation.