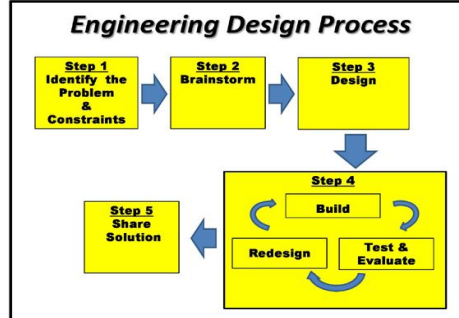


# EDP WIDGET PROJECT Instructions

## INTRODUCTION:

The Engineering Design Process is a plan, with several steps, to assist an engineer in creating a product. The EDP Consists of 5 steps as follows:



## INSTRUCTIONS:

Go to Quia.COM and [navigate to the "UNIT: EDP" section](#). Once on the [EDP UNIT page](#), select Activity #2, 3, & 4 (EDP Steps Example) to see an example of a completed product. Next select Activity #2, 3, & (RUBRIC:EDP Widget Project). Once open use the **RUBRIC** below to complete the activity:

**(Note: You can complete a product of your choice if desired)**

## YOUR TASK:

Create some type of presentation (Google Presentation, Power Point, Prezi., Animoto, Poster, etc...) to present to the class.

ENGINEERING DESING PROCESS Widget Project Rubric	Maximum Points
<b>PG 1: PRESENTATION COVER PAGE:</b> Name, Date, Project, Photo, & Class <b>(2 pts ea)</b>	10
<b>PG 2 HEADER: STEP 1 IDENTIFY THE PROBLEM</b> 1. Want Statement <b>(10 pts)</b> 2. Need Statement <b>(10 pts)</b> 3. Constraints Statement <b>(10 pts)</b>	30
<b>PG 3 HEADER: STEP 2 BRAINSTORM</b> Compete a <b>BUBBLE MAP</b> and Include as many ideas as you can, such as: DIFFERENT DESIGNS, MATERIALS, COLORS, etc. <b>5 Brainstorm Items (2 pts ea)</b>	10
<b>PG 4 HEADER: STEP 3 DESIGN</b> 1. Explain the Design using 5-7 Bullet Statements <b>(10 pts)</b> 2. Include an image of your design <b>(5 pts)</b> 3. List Materials needed to make your product <b>(5 pts)</b>	20
<b>PG 5 HEADER: STEP 4 BUILD/TEST/EVALUATE</b> 1. Compete a <b>FLOW MAP</b> and complete the basic steps to build <b>(5 pts)</b> 2. Explain the basic steps to test using 5-7 Bullet Statements <b>(5 pts)</b>	10
<b>EFFORT</b> (is it sloppy & quickly put together or good effort)	20