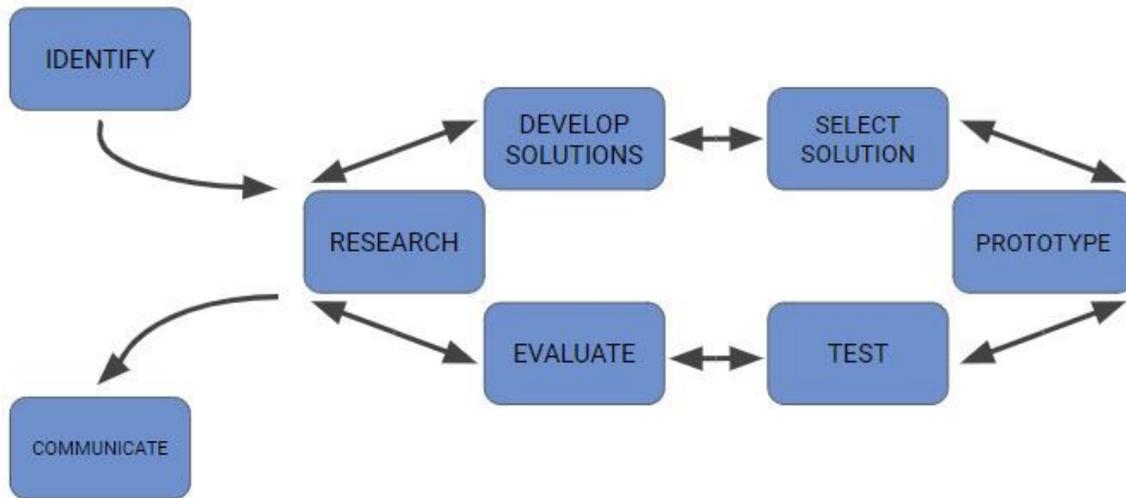




## Brilliant Career Play

# Engineering Design Process: Project Data Sheet



**Identify:** List the specific criteria and constraints to define this problem

- 
- 
- 

**Research:** Examine a previous solution to this problem

Strengths

- 
- 
- 

Weaknesses

- 
- 
- 





## Brilliant Career Play

**Develop Solutions:** Sketch ideas of potential designs

A large, empty rectangular box with a thin black border, intended for sketching ideas for potential designs.

**Select Solution:** Sketch the design you will prototype to scale

A large rectangular area filled with a fine grid of small squares, intended for sketching the selected design to scale.

1 square = 1/8 inch or 3mm





## Brilliant Career Play

### Test

Does your prototype function as intended?:

(From **Research**)

List a strength your prototype and the example share.

List a weakness your prototype and the example share.

### Evaluate & Communicate

(Ask another group) What is **one** change that could make this design better?

- 

What are **two** changes you would make to your own prototype or design to make it better?

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