

1 What problem are you solving?

2 Criteria and Constraints

Define a criteria: _____

Define constraints: _____

Solution criteria for your design:

- a) _____
- b) _____

Solution constraints for your design:

- a) _____
- b) _____
- c) _____
- d) _____

3 Brainstorm

Use the back of this sheet to write all the ideas no matter how crazy, complicated, or simple they seem.

4 Select a Solution

The solution I chose is: _____

5 Develop your engineering model

The simple plan for my model is: _____

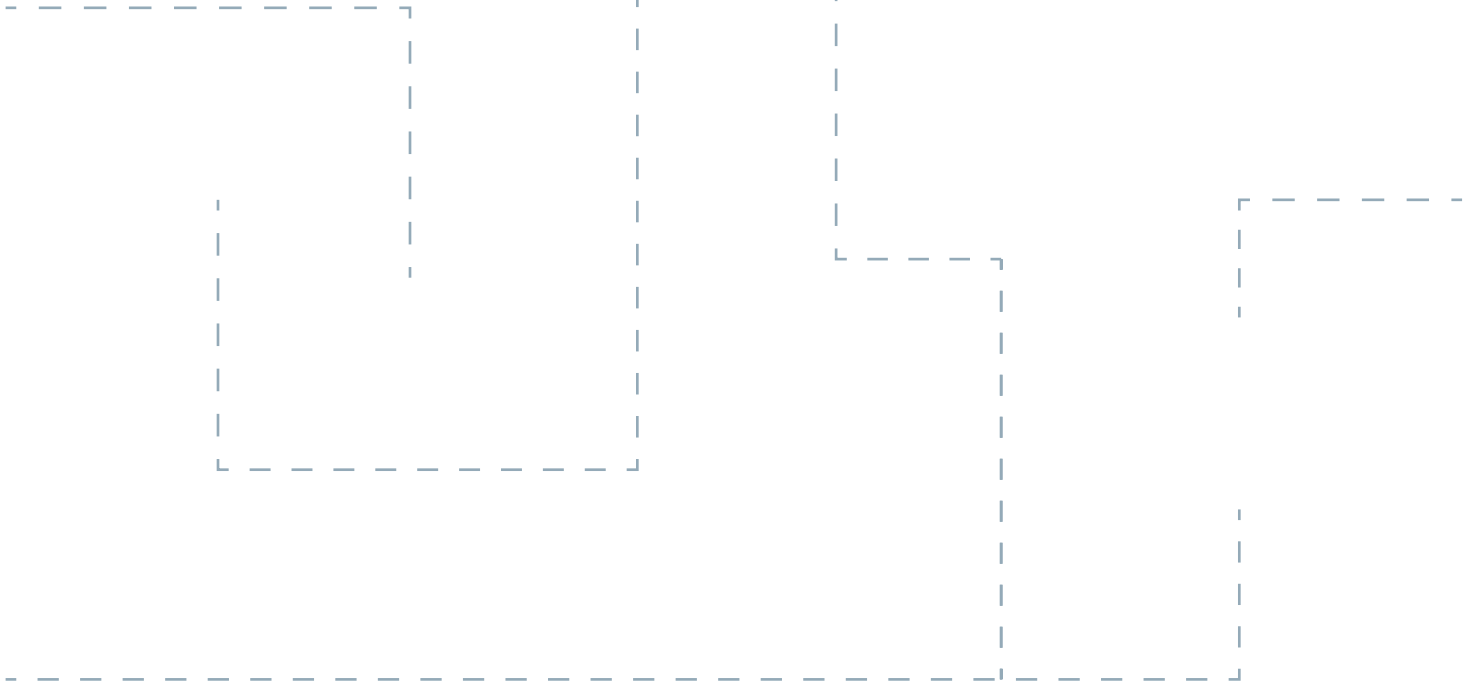
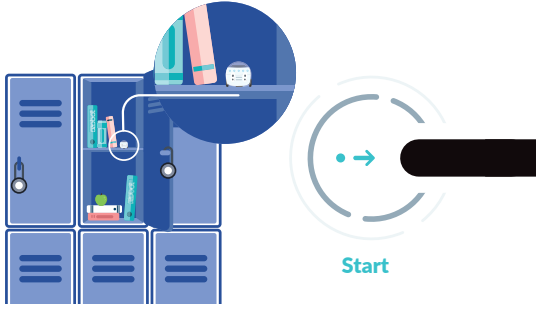
6 Test the Model

When I tested my model, I found that: _____

7 Modify the Model

I will modify my model by: _____

8 Communicate the results of your engineering design



Lunch Room