

Name: \_\_\_\_\_

# ENGINEERING DESIGN PROCESS:

STEM Challenge:

## I. ASK

What is the problem? What constraints do you have?



## 2. IMAGINE

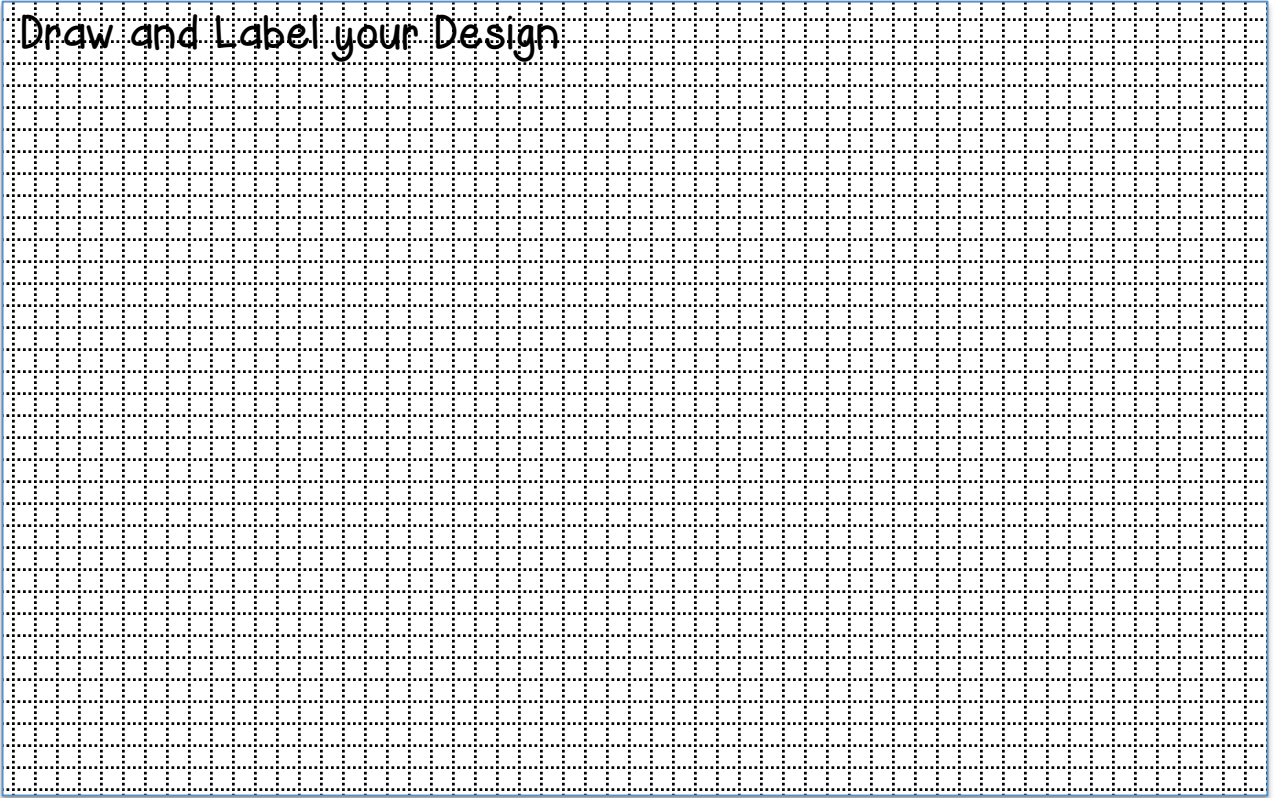
Brainstorm possible solutions

Choose the best one.

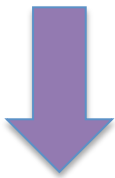
# ENGINEERING DESIGN PROCESS:

## 3. MAKE A PLAN

Draw and Label your Design



What materials do you need?



- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

## 4. CREATE!

Follow your plan and test your design!

## 5. IMPROVE!

Did your plan work? (circle)  
Yes                  No  
How can you improve it?

