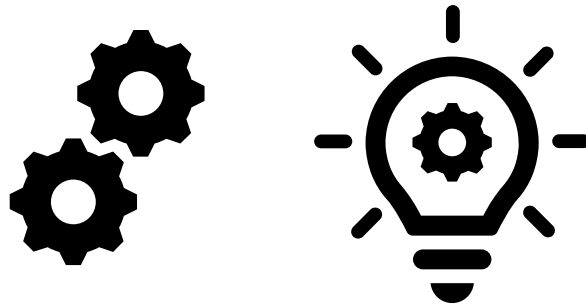
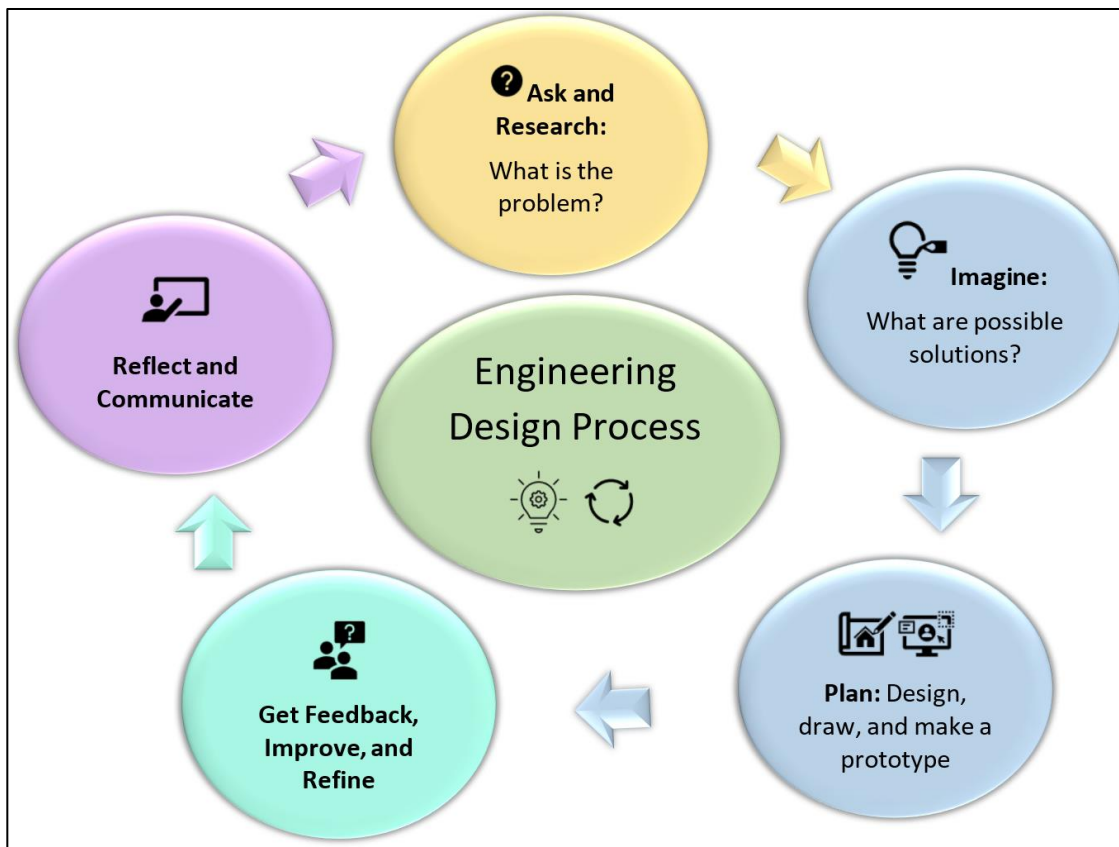


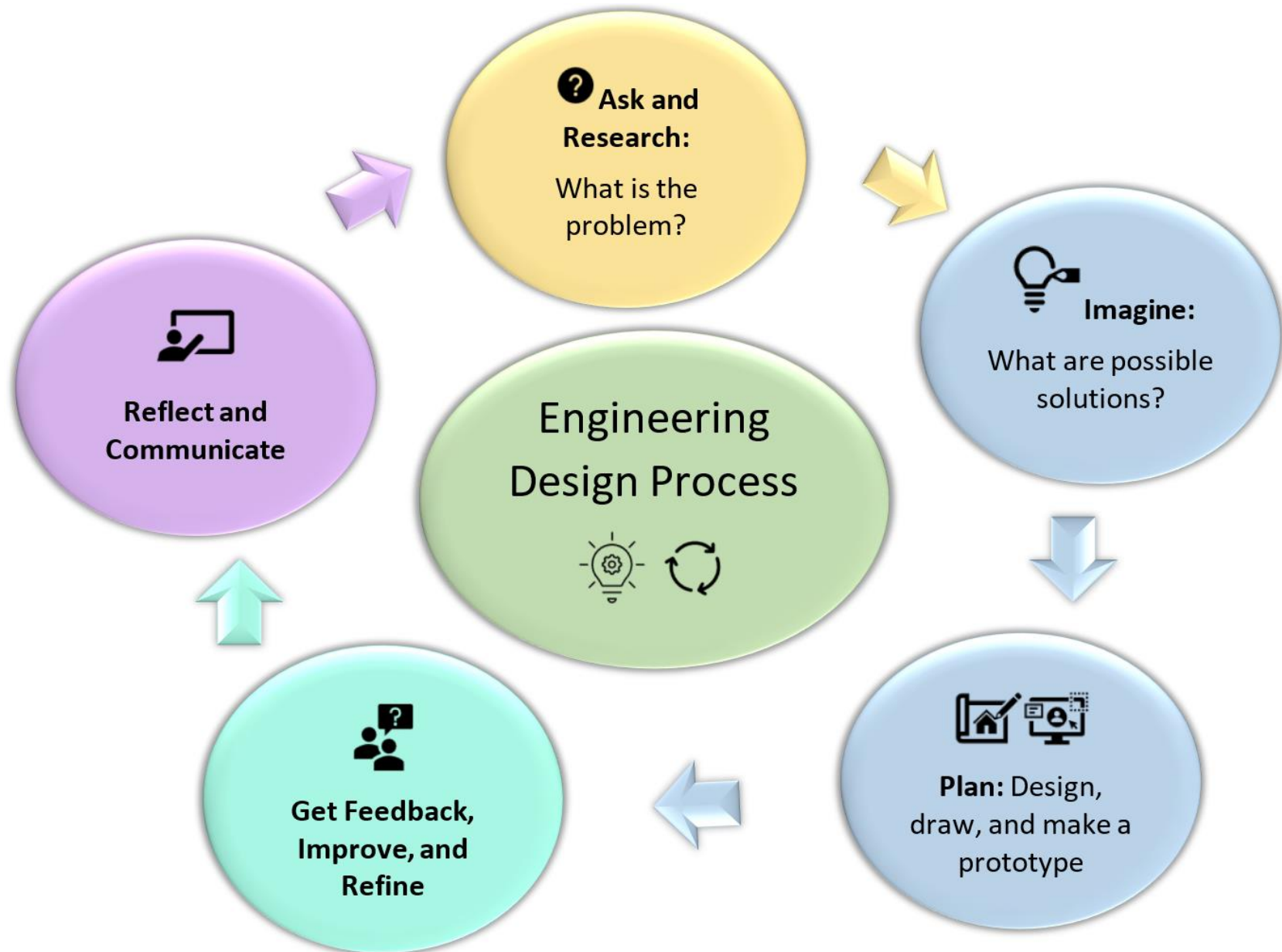


My Engineering Design Thinking Journal



(Your name)

<class name, year>
STEM Class



What problems do you notice around you?
What problems do you notice in your community?
What problems do you notice in our world?

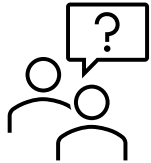
Circle the problem you want to focus on.



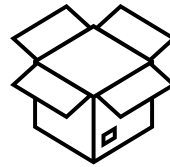
PROBLEM: _____

(Observe/Ask & Collect Information)

What is the problem?



What is a creative solution or solutions?



What have others done to solve this problem?



What am I limited by?





SOME IDEAS I HAVE (Imagine & Plan)

Materials I will need:	What steps will I take to solve the problem?	What could go wrong?

Design:

More Designs:

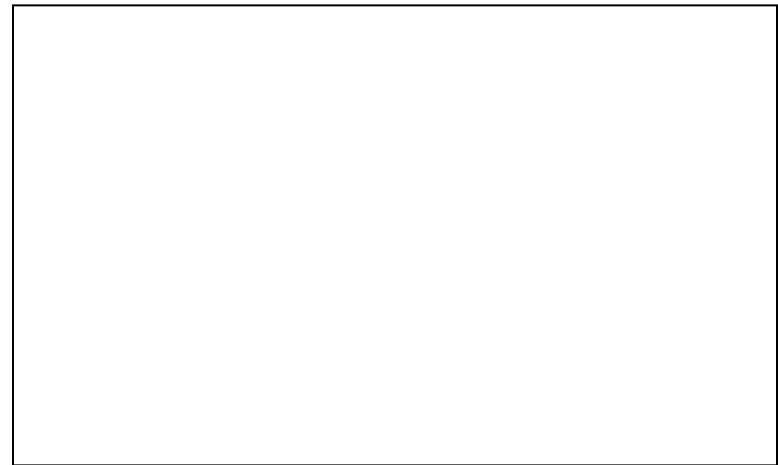
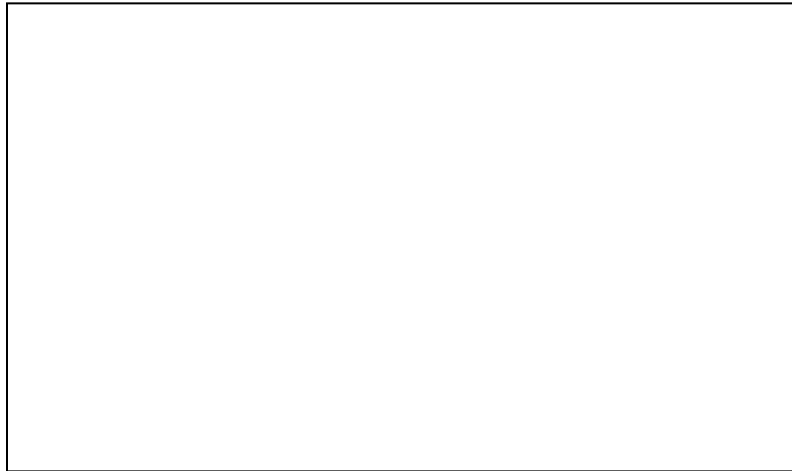
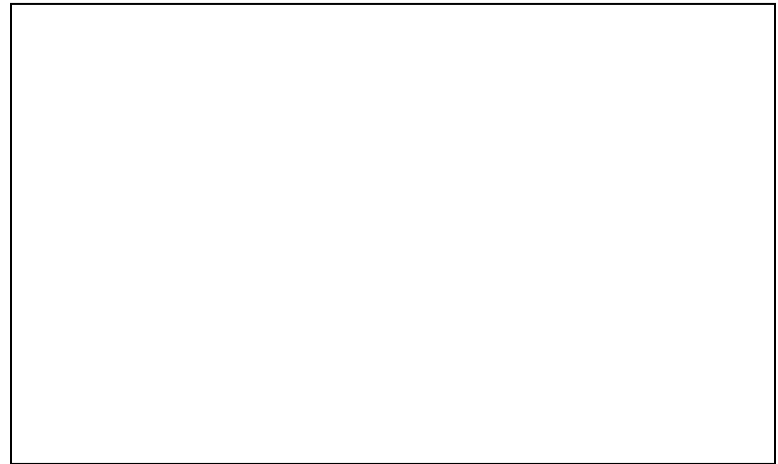
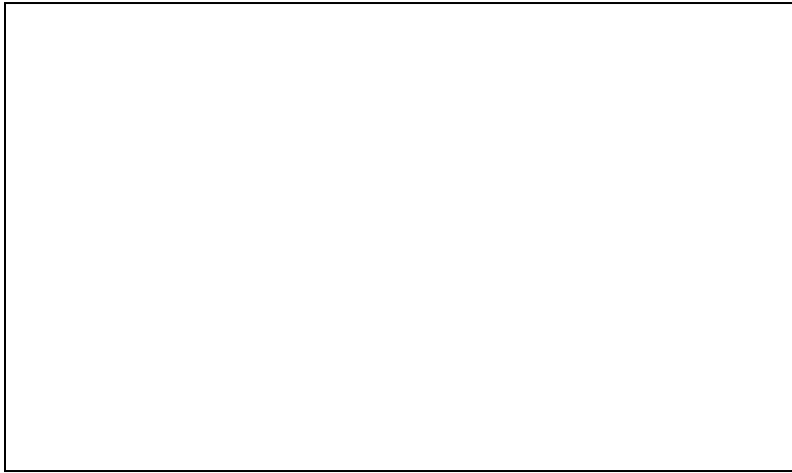
Refining my creation!

I tried this... 	Did it work? Yes  No  Almost 	So, I did this! 

Refining my creation!

I tried this... 	Did it work? Yes  No  Almost 	So, I did this! 

Pictures of my creation and testing it out:



Reflection

If I had more time, I would...





What I am most proud of during this process is...

Other Notes: