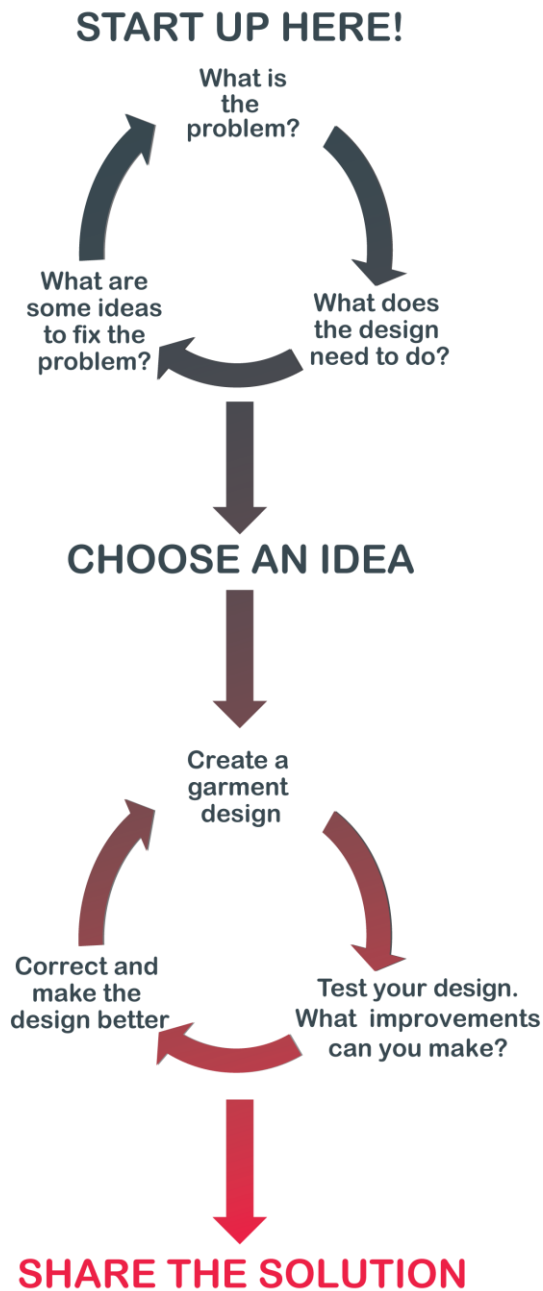


Designing using the Engineering Design Process



Things to Think About

What does the design need to do?

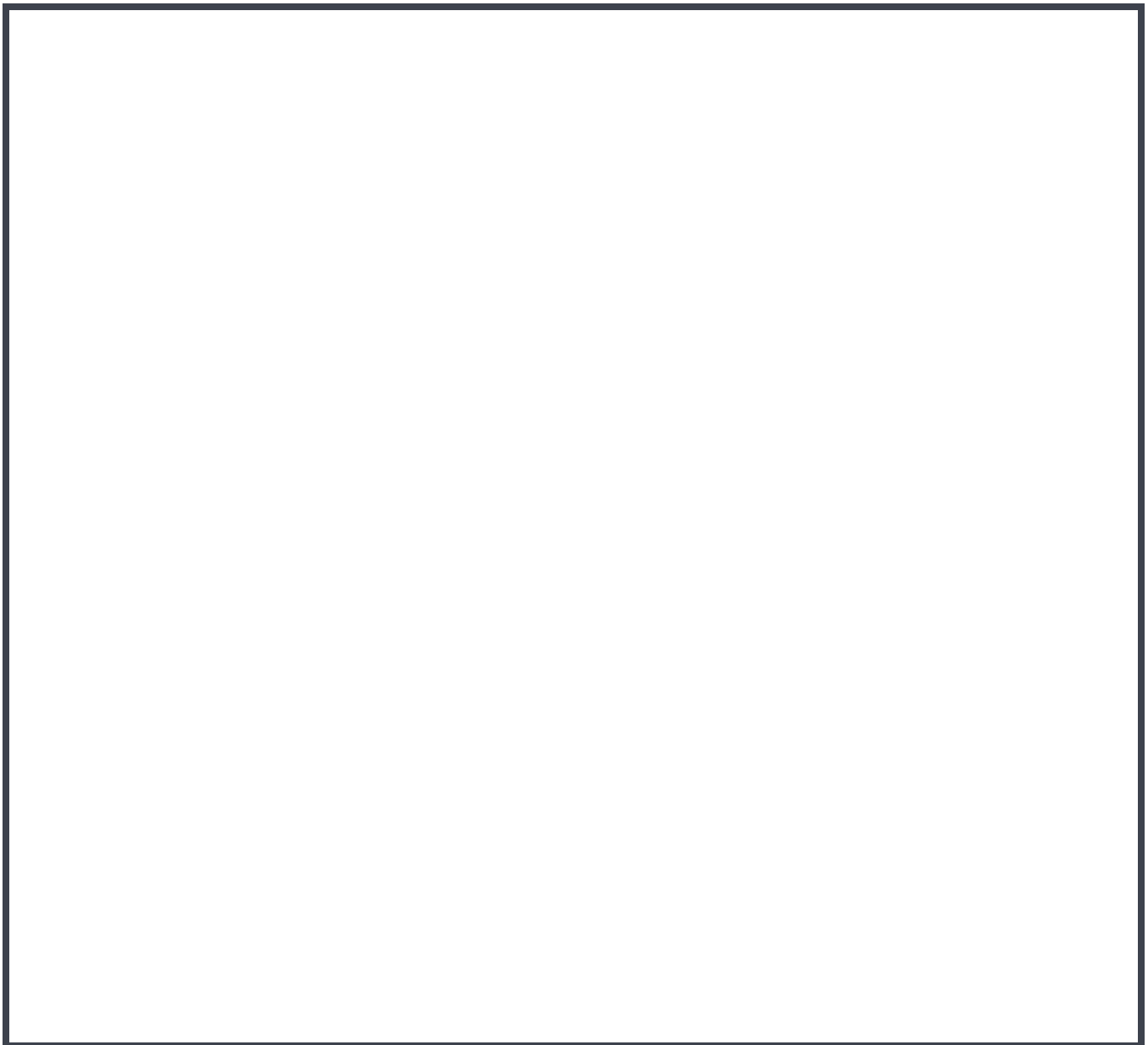
- What are the problems?
- What are some ideas to fix the problems?
- Why did you choose your solution?

Follow the brainstorming rules

- More is best!
 - Think of as many ideas as possible, even if they seem silly!
- No criticism
 - All ideas are good! No criticizing yours or anyone else's ideas.
- Wild ideas are great!
 - Wild ideas can turn into the most creative and useful ideas!
- Record all ideas
 - Write or sketch everything.
- Combine and build better ideas
 - Try to put together and build on different ideas
- Keep focused on the design challenge
 - Try to keep your ideas focused on your design goal!

What could you do with a paper clip?

Use this space to sketch or write your ideas here!



Creating Teams

Engineers work in teams to make sure everyone's strongest talents can be applied to the project!

What do you think are your strongest talents and skills?

Which activity was your favorite? _____

Do you have sewing experience (circle one)? **YES** **NO**