

Compiled slides

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Define and Explore

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Problem Definition: Jewelry

GOAL: *My first goal is to create as many earrings for my friends as I can. I also really want to make spoon rings.*

Primary Functionality:

- Cheap (Won't have to spend a lot)
- Making use of cheap easy to find spoons
- *I'll be able to have rings in my size which is hard to find.*

Secondary Functionality:

- Easy enough to make at home
- Gifts for my friends
- Fun project to make jewelry (that I will wear)

Constraints:

- **Size:** Different ring sizes (depends on the person)
- **Weight:** Depends on the spoon (most aren't very heavy)
- **Unit:** I will have to measure the size of the spoon before cutting it to make it a good size (In,cm)

Spoon Ring Diagram

I would like to make spoon rings for my project

Spoons



Hacksaw



Metal Sander



Ring sizer

Earrings/ Necklace (Beads)

Overview:

- Beads (wood, glass)
- Long jewelry needs with a flat bottom
- Pliers

Pros:

- Have the materials needed at home
- Many options for designs
- Make use of my beads that i've had forever

Cons:

- Players can be hard sometimes the wiring can be sha right.
- Difficult to organize beads.

Takeaways:

- Pretty/well designed earrings and necklaces
- I'll try and use magnetic clasps on necklaces



Spoon Rings (50 cent spoons)

Overview:

- Spoons (plated silver, sterling silver) are easier
- Hacksaw, metal sander
- Ring sizer

Pros:

- Easy way to use old spoons
- If I make my own rings it'll be easier for me to find rings that fit me which is usually difficult

Cons:

- Stainless steel spoon can be harder to work with than sterling silver
- Cutting metal can be challenging

Takeaways:

- Pretty rings for my friends and I



How To Videos

<https://www.youtube.com/watch?v=H3XwGsHxlzo>

<https://www.youtube.com/watch?v=jJUzMzvMeE4>

Takeaway Summary / Thoughts

- Spoon rings have always been my favorite and i've always wanted to make them so I thought this project i could take advantage of that.
- Cheaper option to make instead of buying them.
 - Creative opportunity
- An easy way to use beads and materials at home
- Nice and easy gift ideas

Final Draft

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Final Design



Final Design-

- I had a couple spoon rings of my own and they were my favorite. (I wanted to try to make my own)
- I found a couple different ways of making them throughout the whole project. They are all good designs it just depends on the person who wears them.

Design Examples

Twisted Examples



Straight Examples



Steps Taken

Find spoons

Sterling Silver is the best for rings. They are easiest to bend. They will have a stamp if real



Cut/Sand

Cut off the top of the spoon then sand down rough edges. Make sure its smooth to wear



Put into bending machine. You put in the size you want and bend around it until you like the shape. Bend into spoon shape



Rings should be bent all the way around and fix a couple times to make it perfect.

Finished rings!



What Worked:



Knife

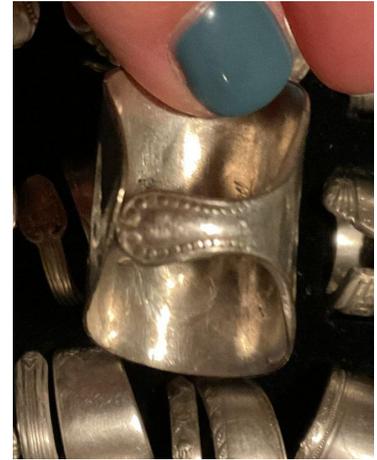
What didn't work:



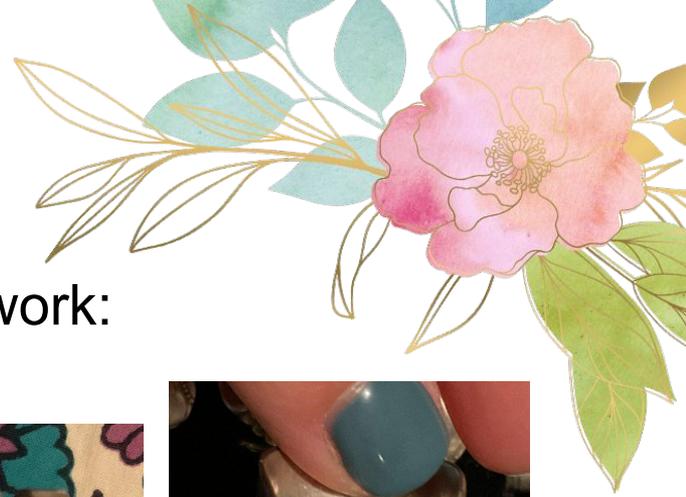
Spoon



Fork



Spoon



Testing:

Testing wasn't hard because it was pretty easy to make once we started.
But I used cardboard to see ring sizes



Evaluation:

In the beginning making spoon rings was just for the project. But my mom and I really started to make them a lot so that we can start selling them. They have always been my favorite type of rings to wear. Now that we make them I have so many options of rings to wear which probably is my favorite part of the project.