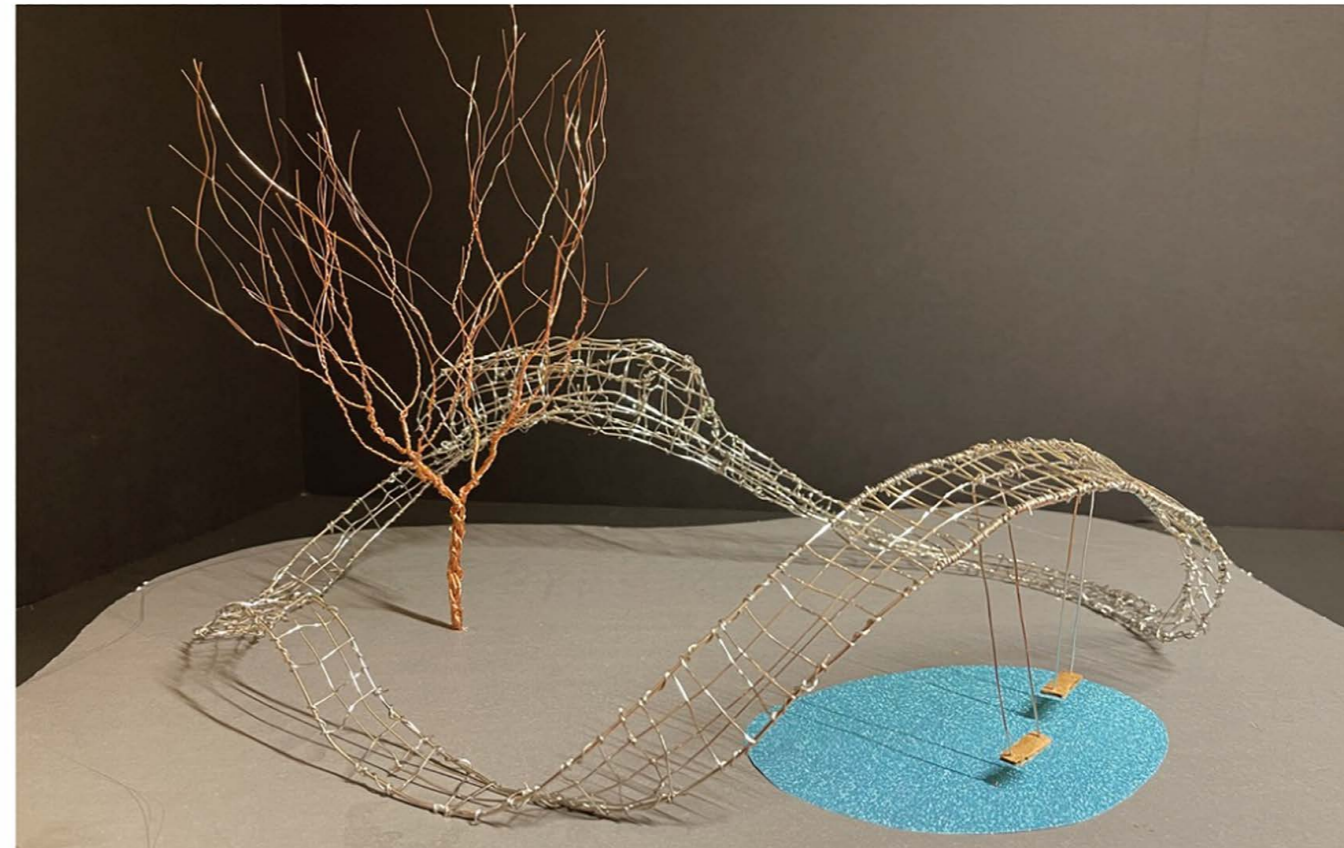
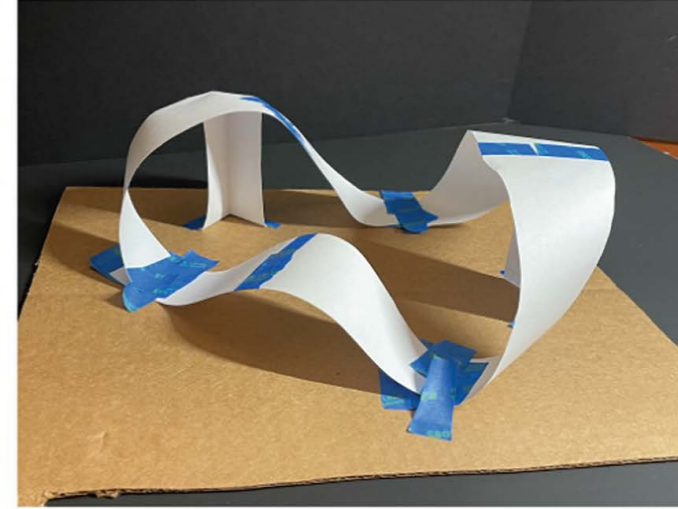
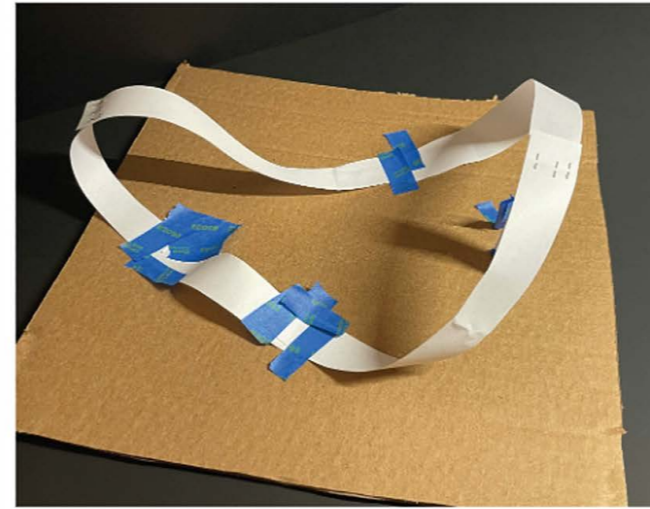


The Loop of Joy

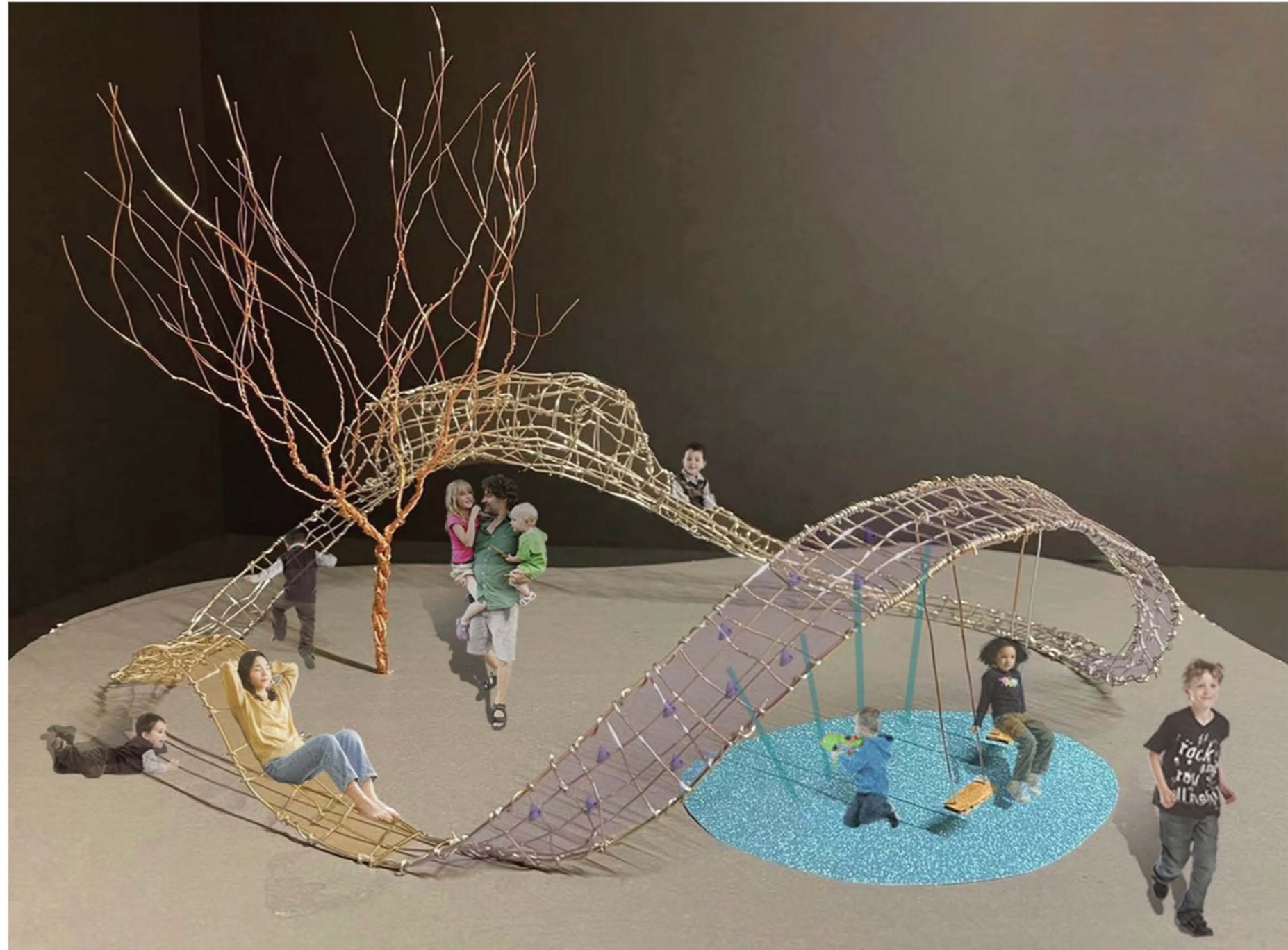
Alivia J.

“The Loop of Joy” is an infinite, united play space for children in urban environments. The design is inspired by the möbius strip, a two-dimensional object transformed into a united three-dimensional world. The infinite length of the möbius strip reminded me of the endless fun and joys I had in playgrounds while I grew up. The twisted form with no boundaries moves from high to low, transforms, evolves, and unites. The space loops whoever steps in it together in a safe environment. I started the design process by using a thin strip of paper to create a simple möbius strip. This process helped me physically visualize where I wanted to put different playground facilities and the overall shape of the space. Then, I used metal wires to construct the prototype space on a foam board. Silver wires were used to build the outline of the möbius strip, which includes a slide, different climbing facilities, a crawling tunnel, and places for people to rest. Thinner wires are used to fill in the gaps within the outline. Swings made out of wire and cardboard are added to take advantage of the high parts. I made a tree using bronze wires and a small water pond using blue glitter paper to reflect the green environment. Lastly, I used photoshop to demonstrate the user experience of the space. This play space is designed for urban neighborhoods with dense populations and limited land. The design integrates and unites different playground facilities on the endless möbius strip and is flexible in size. Children can come to climb, slide, and crawl in and out of the möbius strip play space. I hope my design will bring infinite fun to children in a united, safe space.



The Loop of Joy

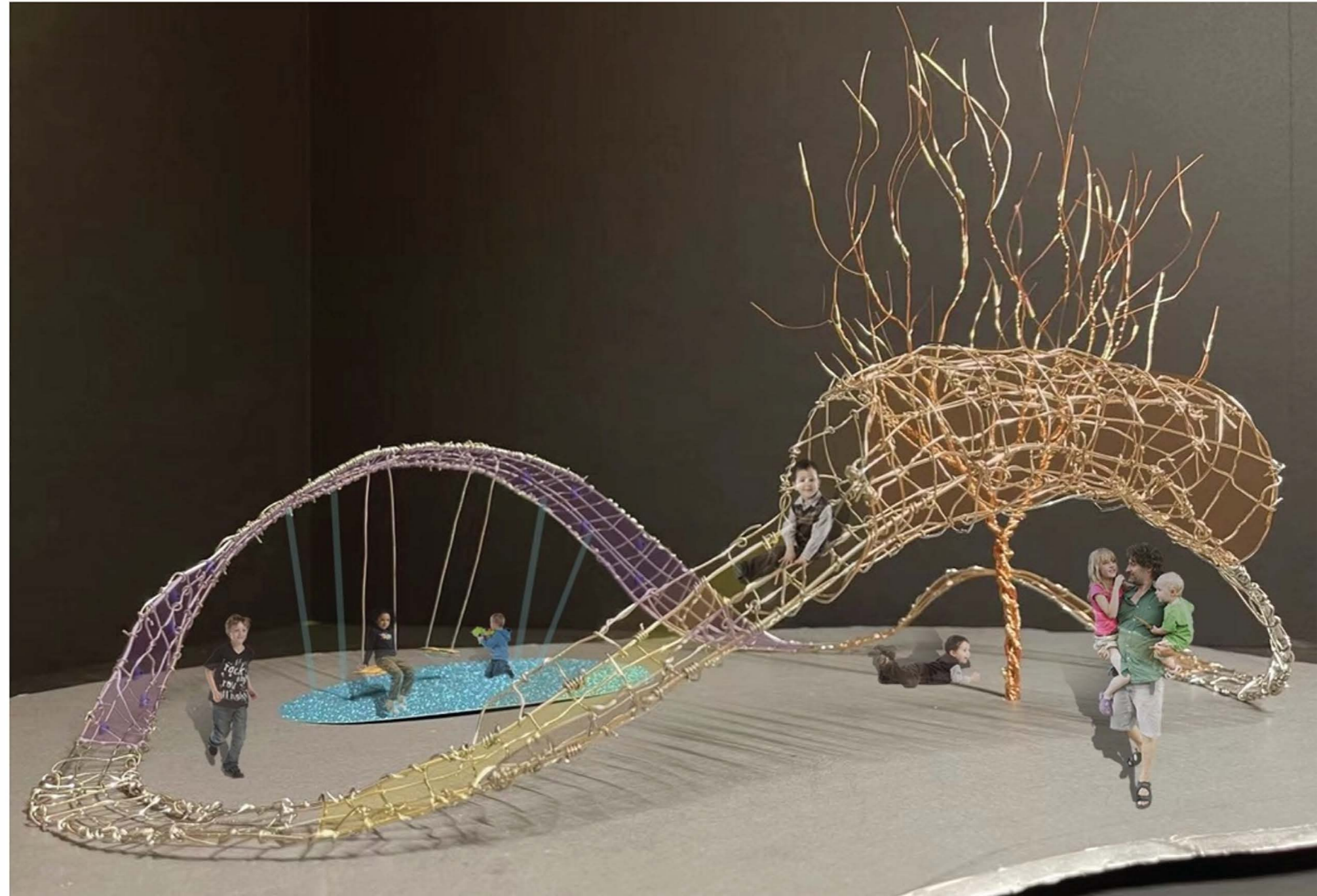
Alivia J.



Perspective one

The Loop of Joy

Alivia J.



Perspective two