

Discussion 1.4 Robot Design

I had my 13 year old daughter help me out with this task. We decided to use the video as our guide for this activity. Overall, the instructions were fairly easy to follow. We found that the most challenging part of the task was threading the rubber bands. I think the rubber bands were very thick and we had trouble keeping them tied. One question we had was about the thumb. We were attempting to have the thumb more engaged in the process of picking up the bottle. We had time constraints so we did not trouble shoot that aspect.

It was interesting to talk with my daughter as we worked through the building of the hand. I feel that was most insightful. I was able to note areas where she was thinking through the design process as she wanted to make modifications to the design which she thought would make the hand work best.

