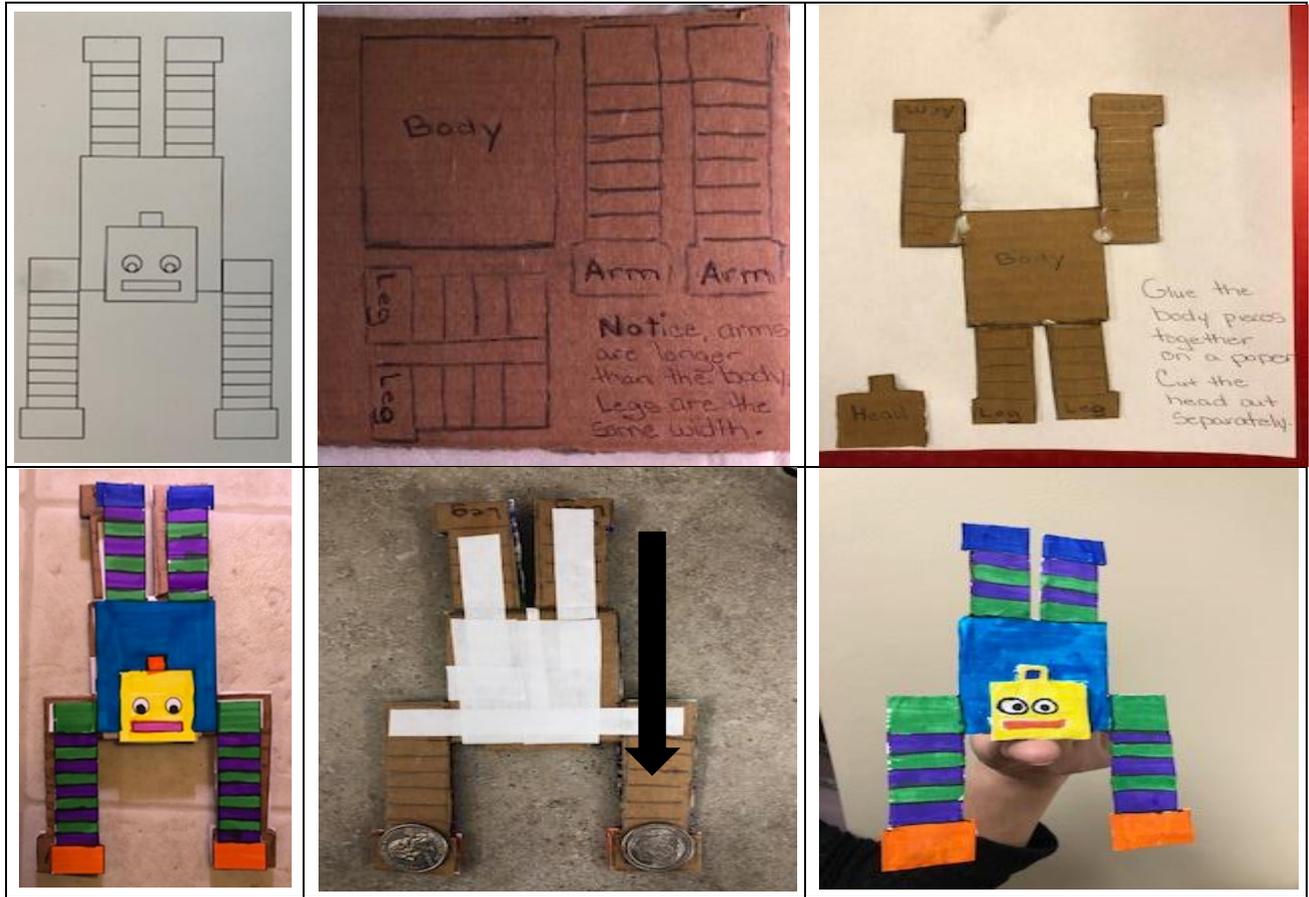


This is Ms. Susan from the Shorewood Public Library. It seems so long since we have been able to share time together in ArtCart at the Library. Things are always changing and it is hard to balance all the new things that are happening in our lives. This week, we are going to have some fun and see what we can do to make a wobbly robot find some balance. You could make two and share with someone in the house, to see who can balance the robot first. It is not always easy to get things just right on the first try, but you might have to work at it a little.



1-This project works best with heavier paper or you can cut it from cardboard or cereal box. Draw the parts of the robot on paper or print out a robot template online (<https://buggyandbuddy.com/science-kids-balancing-robot-free-printable/>). There is one rectangle for the body, two for the arms, and two shorter rectangles for the legs. Then draw a small square for the head of the robot. \* **Notice that the arms are longer than the body and the legs are the same width as the body.**

2-Glue the body parts back together onto another piece of paper. When it is dry, cut it out, and color it.

3-When you have created your perfect robot, turn it over, and tape pennies or dimes to the bottom of the arms. You can even cover the back of the robot with another piece of paper to cover up the coins.

4-Now you are ready to see what makes the robot feel balanced. Try to balance it on your finger, a pencil, or your nose! Change the coins to quarters or move them up higher on the arms, to change the distribution of the weight. Sometimes, it just takes the smallest of adjustments to bring balance!

Have fun, be well! Ms. Susan