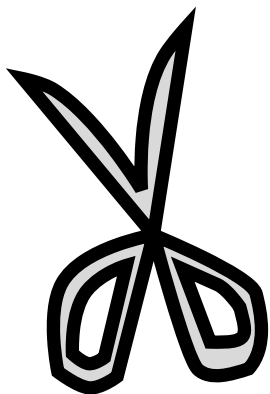
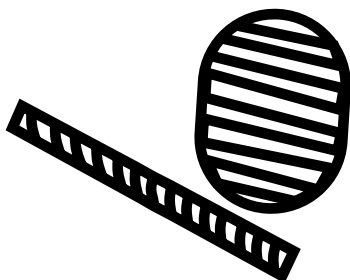


Things you need to prepare

The essentials



Scissors x 1



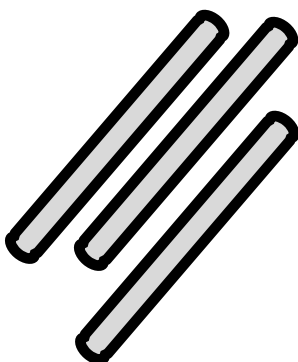
Yarn



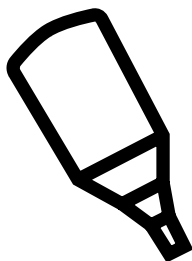
Pencil x 1



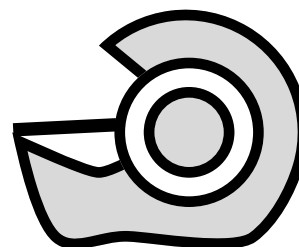
Ruler x 1



Popsicle Sticks * 6



Glue

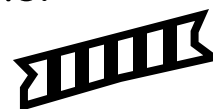
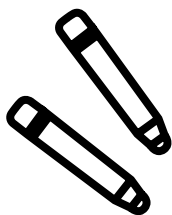


Tape

Coloring/Dressing

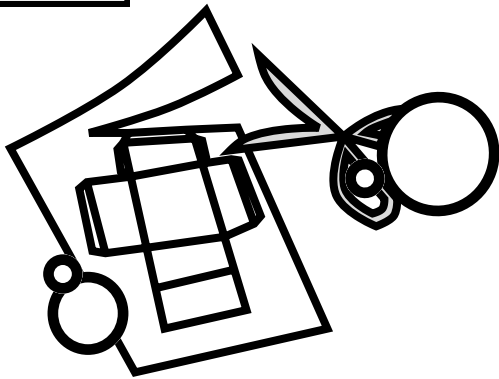
Get any color markers and any accessories of your choice.

Either do the coloring before step 1 or after step 6!
And do the dressing after step 10.



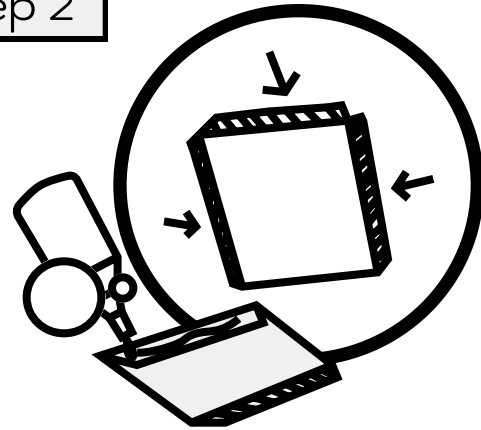
Now! Let's put the puppet together!

Step 1



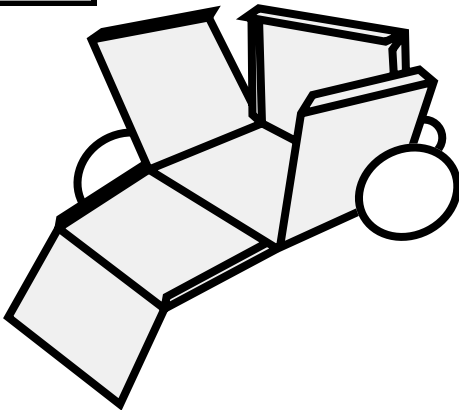
Use scissors to cut the surface maps out (be sure to include those little flaps!)

Step 2



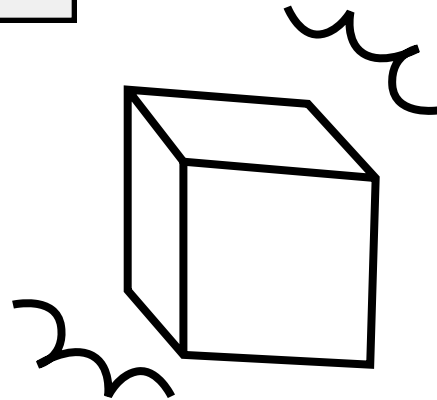
Fold the flaps inward, and apply glue or tape on the outside of the flaps

Step 3



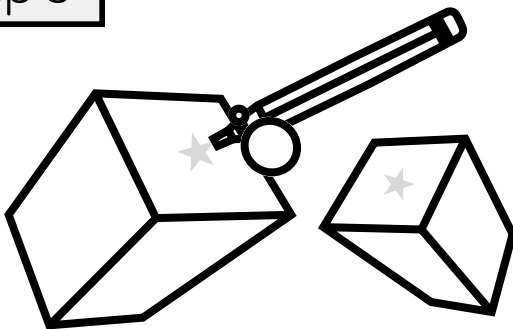
Fold the cube inward along the guiding lines.

Step 4



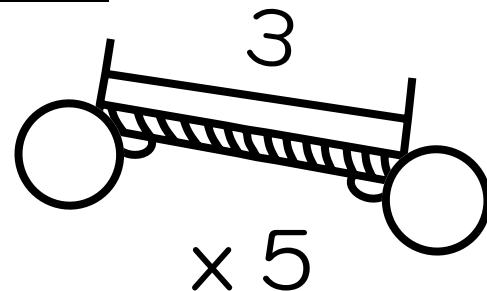
Close the shape by gluing/taping the tabs to the inside of the surface.

Step 5



Mark where you want to connect the head, the body, and the limbs. Those are the point of the yarn joints.

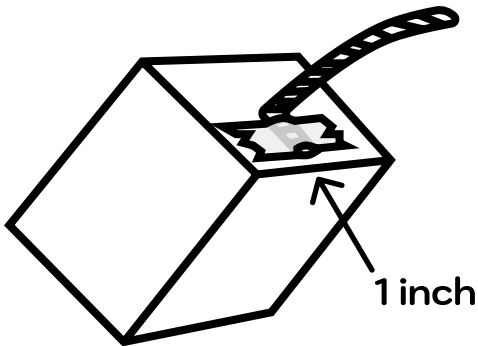
Step 6



Cut the yarns/strings, the recommended length is longer than 3 inch.

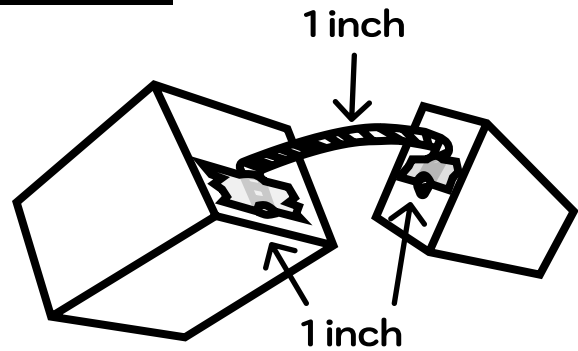
Now! Let's put the puppet together!

Step 7



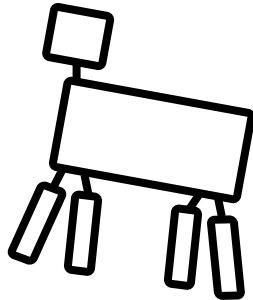
Put 1 inch of the yarn on the marks and tape/glue it.

Step 8



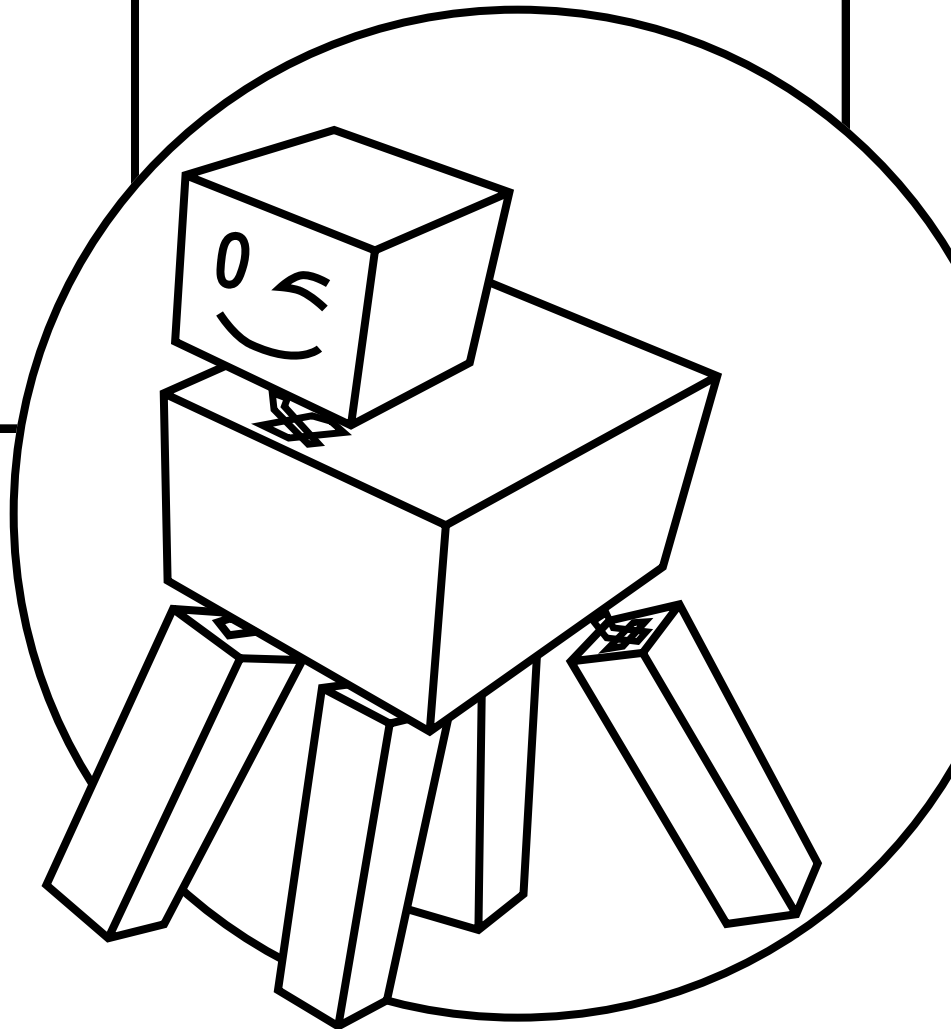
Find the corresponding mark. Tape 1 inch of yarn on two shapes to connect them.

Step 9



Use yarn joints to connect each part of your puppet. Repeat until complete!

Step 10



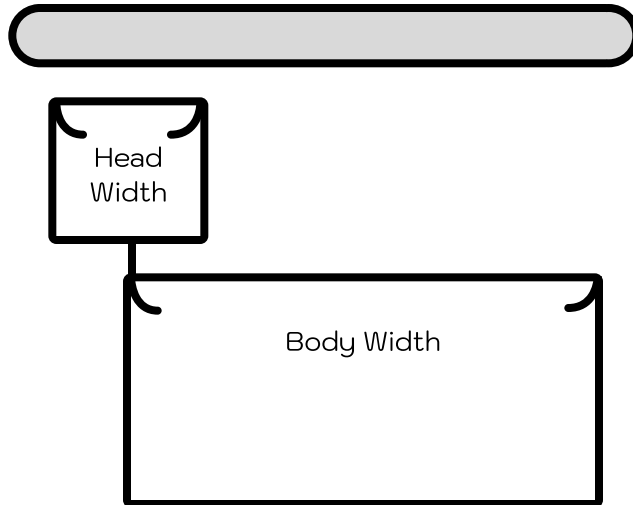
Then! Let's make the controller!

Step 11

$$\text{Handle Length} = \frac{1}{2} \times \text{Head Width} + \text{Body Width}$$

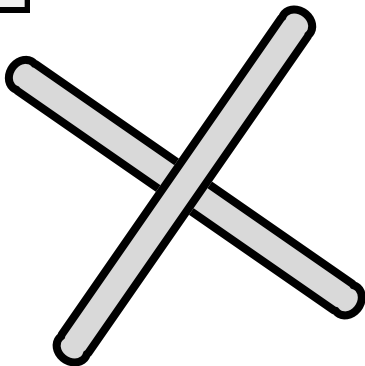
Do the math here!

Handle Length =



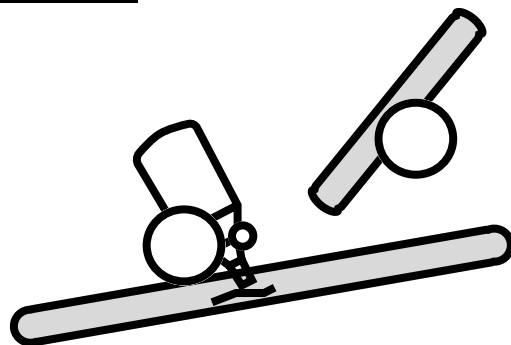
Measure the length using the equation above for the handle and glue the popsicle sticks to be long enough. Make two handles.

Step 12



Make a cross with the two handles.

Step 13



Glue/Tape the two handles together.

Let's connect the puppet and the controller!

Step 14

Front Yarn

1 inch
tape to controller

+

5 inches
in the air

+

1 inch
tape to the top



Head
Height

Back Yarn

1 inch
tape to controller

+

5 inches
in the air

+

Head Height

+

1 inch joint

+

1 inch
tape to the bottom



Cut two pieces of yarns for the support of the head and the body. The length is as marked on the figure.

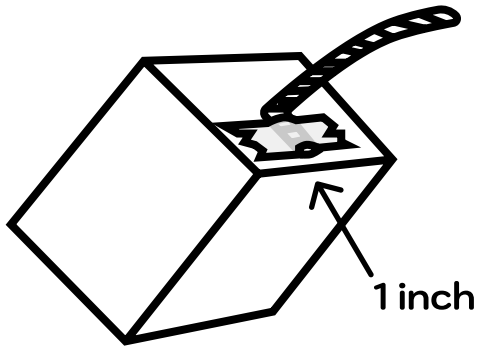
Do the math here!

Front Yarn =

Back Yarn =

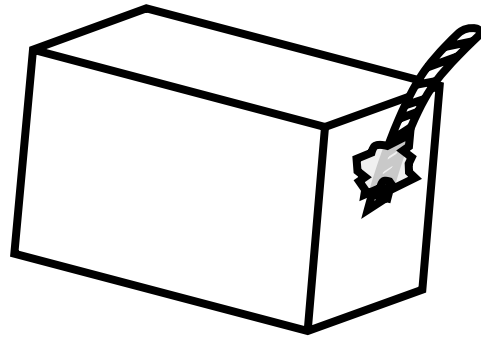
Let's connect the puppet and the controller!

Step 15



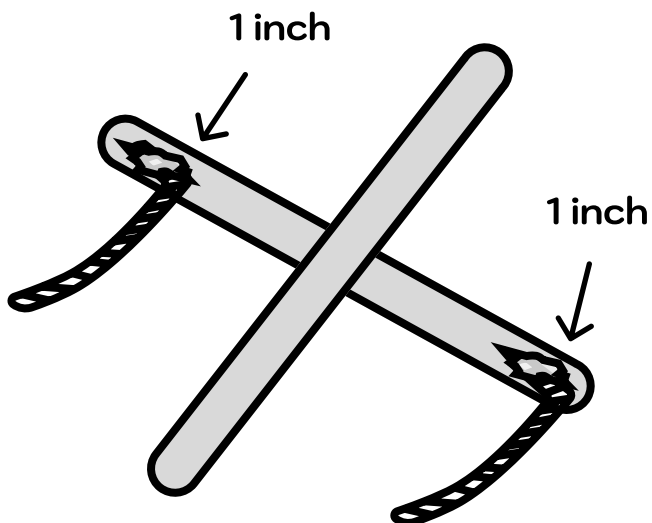
Put 1 inch of the yarn on the top of the head and tape it.

Step 16



Put 1 inch of the yarn to the bottom of the body and tape it.

Step 17



Put 1 inch of the yarn on the end of the handle and tape it. Do it to both of the yarns.

Done

