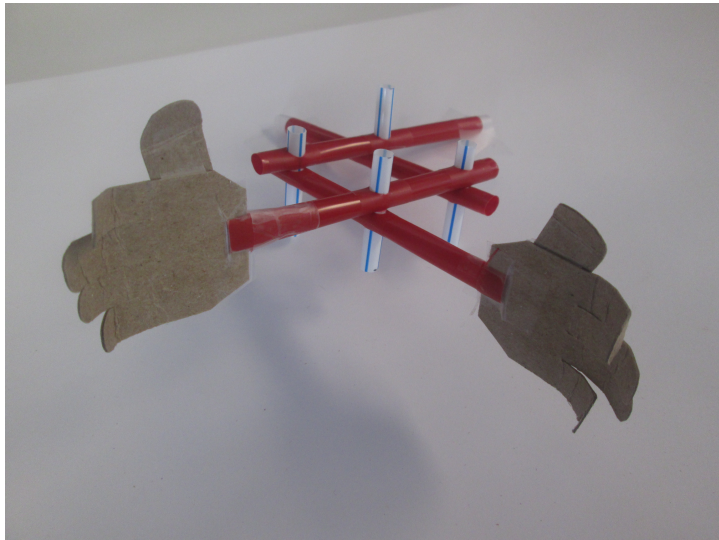


Straw Linkage Hands

Materials



2 Red Straws
1 Paper Straw
2 Two-Inch Chipboard Squares
Scissors
Permanent Marker
Ruler
Hole Puncher
Tape

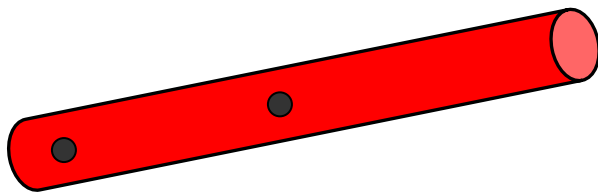


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1. Measure and cut two red straws in half.

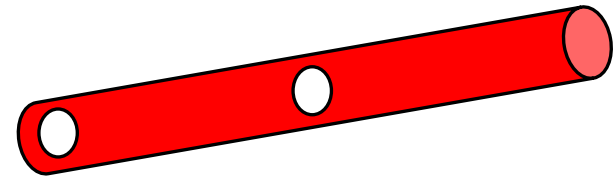
2. Use the ruler and permanent marker to make two dots on all four straw pieces showing where to hole-punch each one–

Mark one dot in the middle and the other $\frac{1}{2}$ inch from one end.



3. Hole-punch the holes on all four straw pieces.

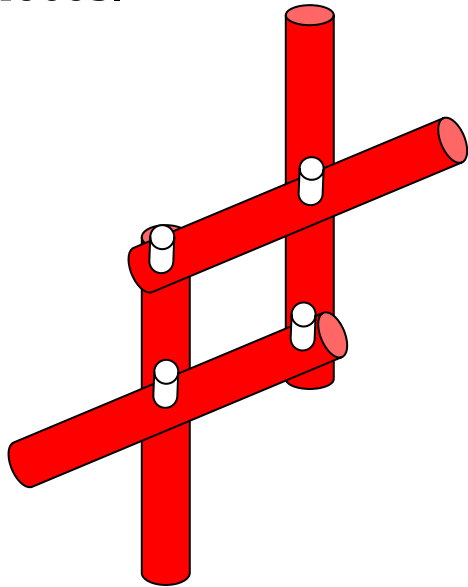
The holes must be facing the same way on the red straw so when you insert smaller straws through the holes the straws are parallel to each other.



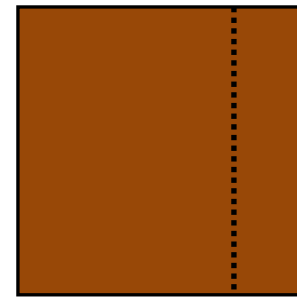
4. Cut the paper straw into 4 equal pieces.

5. Connect two **red** straws through the middle with one piece of paper straw to make an "X". Repeat with other two **red** straws.

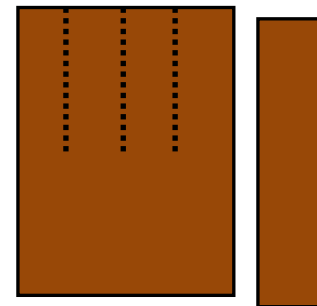
Connect the hole-punched ends of the **red** straw "X"s together with paper straw pieces.



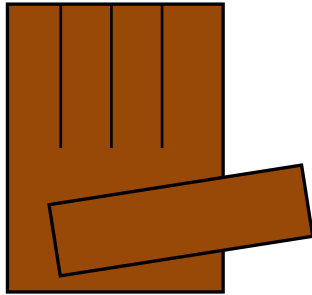
6. Cut a ½ inch strip off of each of the two 2" chipboard squares (these will later become the thumbs).



Cut three slits into each hand to make the fingers.



7. Tape the thumb onto each hand.



Tape the hands onto opposite **red** straws on one end of your straw linkage.

Fold the fingers and thumbs to form the hand shapes.

FINISHED!