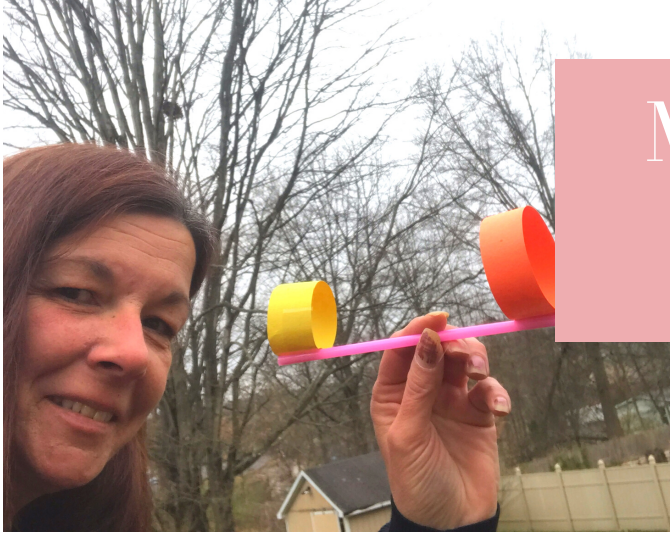


STEM WITH MISS LAURIE AND MISS SARAH

Join us for some kitchen table STEM



MISSING STEM
FUN AT THE
LIBRARY?

STEM ACTIVITIES
WITH HOUSEHOLD
ITEMS!



FUN WEBSITES
TO CHECK OUT
FOR MORE!

HOW STRONG IS A PIECE OF PAPER?

WEBSITE TO CHECK OUT: <https://creeksidelearning.com/stem-activities-for-kids-how-strong-is-a-piece-of-paper/>



SUPPLIES

- various types of paper
- tape
- books

WHAT TO DO

Try to make a structure to support books. Roll the paper into a tube and tape it. Try squares! Try a triangle! See what's the strongest.



MY THOUGHTS

Wow! This seemingly little weak piece of paper held some of my favorite books and new books I'm reading!

HOW TO CLEAN PENNIES

WEBSITE TO CHECK OUT: <https://littlebinsforlittlehands.com/make-green-pennies-copper-penny-science-experiment/>



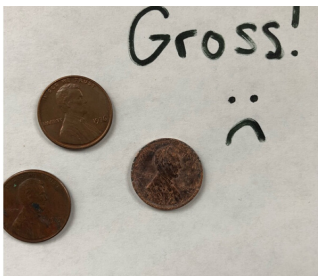
SUPPLIES

- dirty pennies
- vinegar
- cup
- spoon
- salt

WHAT TO DO

Pour 1/4 cup of vinegar into a cup, add a generous amount of salt.

Dump the dirty pennies into the cup and stir. I stirred for about thirty seconds and then took the pennies out. Be prepared to be wowed!



MY THOUGHTS

Yikes these pennies were filthy! And now they are so shiny! I want to clean all the pennies now.



PENCILS THROUGH A ZIPLOCK FULL OF WATER

WEBSITE TO CHECK OUT: [HTTPS://WWW.YOUTUBE.COM/WATCH?V=OUdAZPI1nko](https://www.youtube.com/watch?v=OUdAZPI1nko)



SUPPLIES

- sharpened pencils
- water
- ziplock

WHAT TO DO

*PLEASE DO THIS ONE OVER A SINK, BATHTUB, OR OUTSIDE!
Fill the ziplock 3/4 of the way full with water and seal it closed. Now take the sharpened end of the pencil and shove it through the ziplock and through the water!



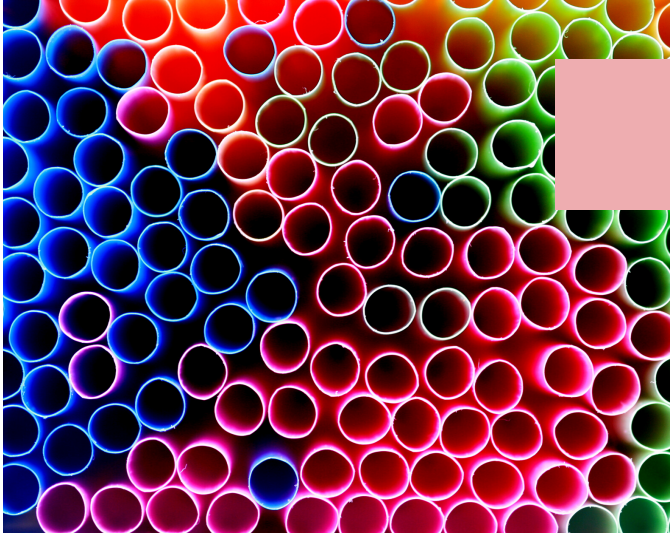
MY THOUGHTS

This one scared me! I was sure I'd end up with a huge mess! But wow it really worked and looked so cool, my cats weren't impressed but I was!



REALLY, REALLY LONG STRAW

WEBSITE TO CHECK OUT: [HTTPS://WWW.SCIENCEBUDDIES.ORG/STEM-ACTIVITIES/LONG-STRAW](https://www.sciencebuddies.org/stem-activities/long-straw)



SUPPLIES

- straws
- water
- scissors
- ruler
- tape
- something sturdy to stand on

WHAT TO DO

Cut to small slits in one end of a straw. Use that side to slide over another straw. Secure the straw with tape. Keep repeating until you have a super long straw! Now try to drink some water using it!



MY THOUGHTS

My super long straw was so much fun to make and use. Make sure you seal any air holes very well. You can also do loops and crazy designs if you have bendable straws.

STRAW CIRCLE PAPER PLANES

WEBSITE TO CHECK OUT: [HTTPS://WWW.REDTEDART.COM/STRAWS-CIRCLE-PAPER-PLANES-S-T-E-M-KIDS/](https://www.redtedart.com/straws-circle-paper-planes-s-t-e-m-kids/)

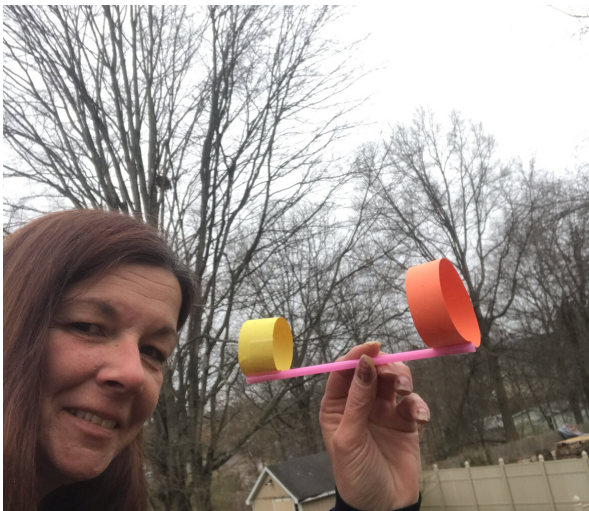


SUPPLIES

- cardstock
- scissors
- straw
- tape

WHAT TO DO

Cut 3 strips 5 inch x 1 inch. Tape two of them together to make one strip longer than the other. Tape the shorter strip into a circle and do the same with the longer strip. Tape the straw inside the two circles. Now throw your plane and watch it fly!



MY THOUGHTS

This quick and easy STEM plane works amazingly well. You can experiment with different size circles and placement. Have fun!