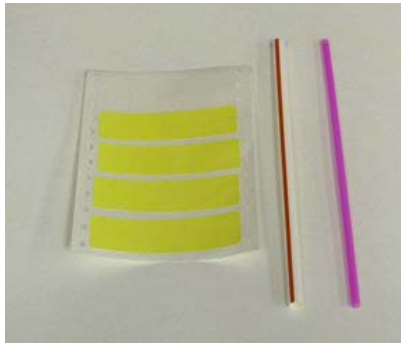
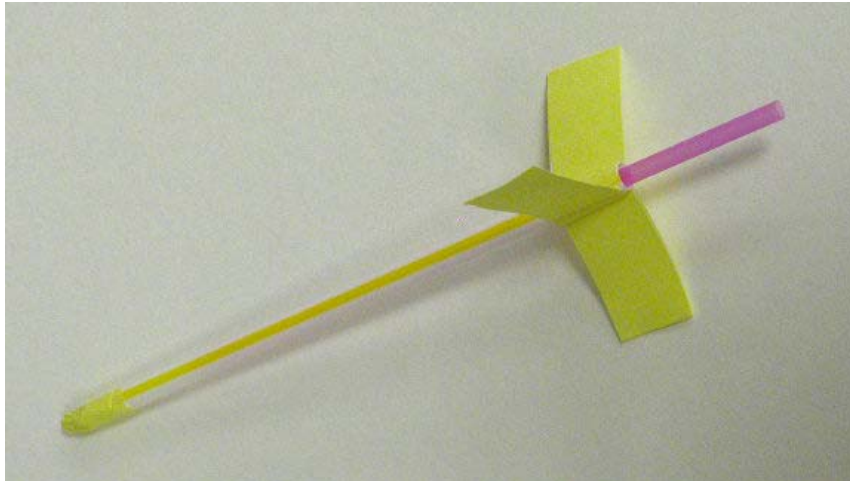


ROCKETS: Lesson 4

This webpage found at:
<http://pa4h.cas.psu.edu/Curricula/AerospaceSupp/Activities/Rockets/Overview/RocketsLesson4.htm>

Building a Milk Straw Rocket:



Equipment Needed:

- 4 mailing labels (1" x 2.5")
- 1 large diameter straw (milkshake straw)
- 1 small diameter straw (drinking straw)



Note: Make sure drinking straw can fit inside milkshake straw



Step 1:

Wrap one label around one end of the milkshake straw.



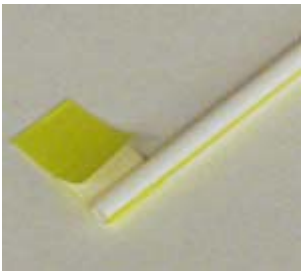
Once you have wrapped the label, crush the tip into a cone-shape.

Little to no air should pass through the milkshake straw when you blow through it at this point.

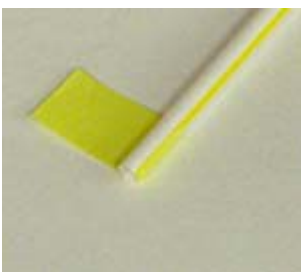


Step 2:

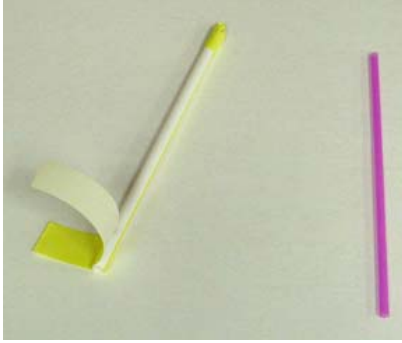
Stick the end of a second label to the other end of the milkshake straw.



Fold the label in half to begin to form one fin.

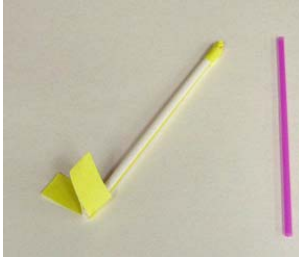


Press the label until it is completely folded in half.

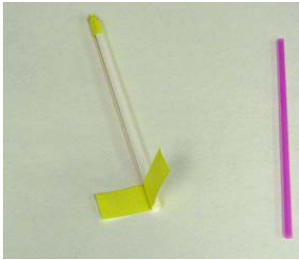


Step 3:

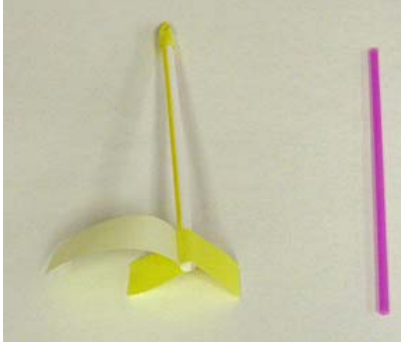
Repeat Step 2 with a third label.



Fold the label in half to begin to form a second fin.

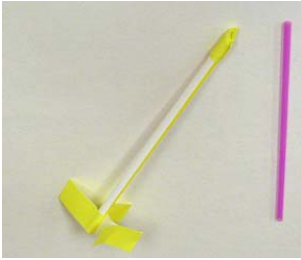


Press the label until it is completely folded in half.

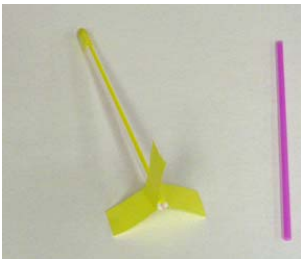


Step 4:

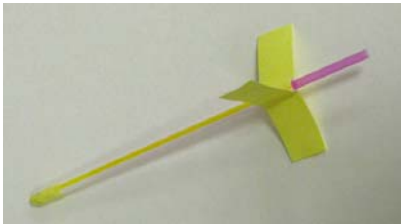
Repeat Step 2 with the last label.



Fold the label in half to begin to form the last fin.



Press the label until it is completely folded in half.



Step 5:

Bend the three fins until they are evenly spaced around the end of the straw.

To fly, insert drinking straw into open end of milk straw and blow.

Web design: Victoria Kramer. This page was last updated on September 26, 2005.
There are no plans for future updates.