

Chromatography Butterfly Craft

Materials

Non-permanent markers

White coffee filters

Pencil

Cups of water

Black pipe cleaners

String

Scissors

Procedure

1. Choose one marker to experiment with first. (Hint~ black and brown are the most exciting!)
2. Take one coffee filter. Put it on a newspaper or some kind of material to protect your table. Draw a thick circle around the center of the coffee filter where the ridged part meets the flat center. Use a pencil to write the color of the marker being used right in the center. (You'll want to know what the original color was being used, and the pencil won't smear and will remain intact after the experiment.)
3. Fold the coffee filter in half and then in half again, resulting in a cone shape.
4. Get a short glass of water. Pull apart the cone shaped coffee filter so it balances right on the glass with the tip of the cone just touching the water.



(Be sure NOT to let the marker circle go in the water, just the uncolored tip of the coffee filter cone.)

5. Let it sit and watch what happens as the water begins to flow up the paper.

6. Repeat with different colored markers. Here are ours starting out...

7. After the water has reached the outer edge of the coffee filter, place it on a newspaper to dry.

Directions for Using Coffee Filters to Make the Butterfly Craft

Cut black pipe cleaners in half.

Take one coffee filter and scrunch it up in the middle.

Wrap a black pipe cleaner around the center.

Shape the ends to form an antennae.

Tie a string to the center and hang!

SUPPLIES NEEDED TO MAKE THIS BUTTERFLY CRAFT

Mixed Media (Or watercolor) paper or any paper you might have
liquid watercolors, markers, crayons, or colored pencils
paintbrush
glue
Neon Glitter Shakers*
Shimmer Poms*
Wooden Scoop Stick*
Wiggly Eyes*
pipe cleaners
hot glue gun
scissors



1. Begin by drawing your butterfly wings on your mixed media or watercolor paper. Use your liquid watercolors to paint the butterfly wings. When the watercolors have finished drying cut out your butterfly wings.
2. Add some fun lines and dot details to your butterfly wings with your school glue. Then shake neon glitter onto the glue. Shake off any excess glitter and set aside to dry.
3. Heat up your hot glue gun. For your butterfly body, grab a large shimmer pom and 4 medium shimmer poms and hot glue them onto the scoop stick. Cut two sections off your pipe cleaner, bend the ends down to make antennae and hot glue them behind the butterfly head. Then hot glue your wiggly eyes onto your large shimmer pom.
4. Finish your gorgeous butterfly craft by hot gluing the butterfly body in the center of the watercolor butterfly wings.

Ping-Pong Toss

Fill plastic cups halfway with water and place in five rows. Label each cup with a score, making sure that the cups closest to the kids are worth one point and that the cups farthest away are worth the highest amount of points. Set out a basket of ping pong balls and have the kids take turns tossing their balls into the cups. Each player gets 30 seconds to toss as many ping pong balls as they can. The player with the highest score at the end, wins.

Bean Bag Ladder Toss

Grab a step ladder from the garage for this one. Label each of the rungs with points and have the kids toss bean bags to see how many points they can get.

