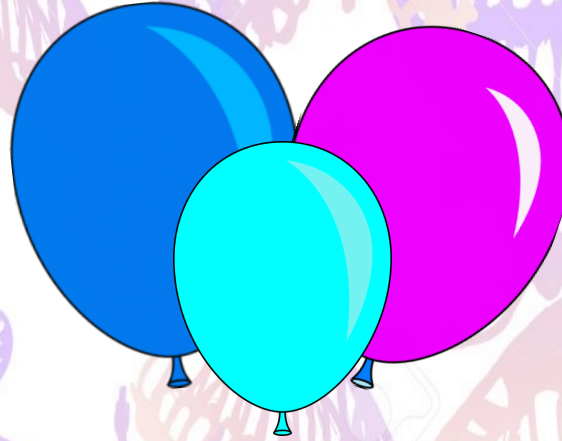


Static Butterfly

SCIENCE ENRICHMENT

Supplies you will need:

- cardboard
- tissue paper
- cardstock paper
- pencil
- scissors
- googly eyes
- balloon
- glue stick



Directions:

1. Use your pencil to draw butterfly wings on your tissue paper. Cut them out and set them onto your cardboard. **DO NOT** glue them onto the cardboard!
2. Cut a butterfly body out of your cardstock paper and glue it down the middle of your butterfly and overlapping it onto your cardboard. Again, **DO NOT** glue the tissue paper wings down. You will want the wings loose. Glue your googly eyes down onto your butterfly.



3. Blow up your balloon.
4. Rub your balloon in your hair to give it an electric charge. Now hold the balloon on top of your butterfly, close but not touching it, and watch the wings raise and lower as you move the balloon closer and farther away.



EXPLAIN THE SCIENCE:

When we rubbed the balloon onto our hair, electrons were lost from our hair and gained by the balloon giving it a static charge. When the negatively charged balloon gets close to the positively charged tissue paper they are attracted to each other, and the pull of attraction is so great that the lightweight tissue paper moves toward the balloon.