

Task Card #3 Direction Sheet

Directions:

1. Read through each part carefully and follow the directions provided.
2. Make sure to record all necessary information on the "Task Card #3 Worksheet" provided.
3. Please clean up your work and put all materials back when you are done!
4. Answer the analysis and synthesis questions that follow.

Part 1

1. Inflate a balloon.
2. Write a capital letter "A" on one side of the balloon using a marker.
3. Place the part of the balloon labeled "A" against your hair and rub vigorously.
4. Quickly place the "A" part of the balloon against a vertical surface. Record what happened on your worksheet under the observations for part 1.
5. Now, turn the balloon around to the opposite side of the letter and place that side against the same vertical surface. Record what happened on your "Activity Worksheet".

Part 2

1. Take a $\frac{1}{2}$ piece of scrap paper and tear it into tiny bits (about the size of the top of your index finger).
2. Rub a plastic comb on a piece of fur.
3. Bring the comb close to the tiny bits of paper. Record what happened on your worksheet under the part two observation.
4. Bring the piece of fur close to the tiny bits of paper. Record what happened.

Part 3

1. Take two polyethylene strips and rub them with fur.
2. Mount one of the strips on the evaporating dish using the sticky tack.
3. Bring the charged end (part you rubbed) of the other strip **close to** the charged polyethylene strip that is mounted on the evaporating dish. Record what happened under the observations for part 3 on your worksheet.
4. Rub the polyethylene strip again and this time **touch the strip** that is mounted on the evaporating dish. Record what happened.
5. Take the polyethylene strip that is in your hand and turn it around so you are holding the opposite end (one you did not rub). Bring that end close to the strip that is mounted on the evaporating dish. Record what happened.

When you are done the task: Please clean up your area making sure all the small bits of paper are put in the garbage and all materials are returned to the task bin. Begin to work on the analysis and synthesis questions found on the "Task 3 Worksheet".