

TRY AT HOME
**Mini
LAB**

Investigating Charged Objects

Procedure

1. Fold over about 1 cm on the end of a roll of tape to make a handle. Tear off a strip of tape about 10 cm long.
2. Stick the strip on a clean, dry, smooth surface, such as a countertop. Make another identical strip and stick it directly on top of the first.
3. Pull both pieces off the counter together and pull them apart. Then bring the nonsticky sides of both tapes together. What happens?
4. Now stick the two strips of tape side by side on the smooth surface. Pull them off and bring the nonsticky sides near each other again.

Analysis

1. What happened when you first brought the pieces close together? Were they charged alike or opposite? What might have caused this?

2. What did you observe when you brought the pieces together the second time? How were they charged? What did you do differently that might have changed the behavior?
