

Lab # 3 Charged Matter

Purpose: To observe evidence that charged particles are part of matter.

Hypothesis: If I hold the tape with like charges near each other the one piece of tape will repel from the other.

Materials: Tape, drawing paper

Procedure:

1. Obtain two pieces of plastic tape about six inches long.
2. Fold over a half inch of each piece to form a nonsticky handle.
3. Stick the two strips smoothly to your desktop.
4. Pull up both tapes simultaneously and slowly move the nonsticky sides of the tapes toward each other.
5. Do not allow the tapes to touch each other.

Data:

1. Observe what happens
2. Draw two pictures showing how the tape moves

Conclusion:

1. Tie results back to your hypothesis.
2. Explain the lab
3. Explain what happened
4. List your findings to the experiment
5. Answer the Six questions on the paper.