

sticky tape experiments lab pdf

The Laboratory © The Physics Classroom, 2009 Sticky Tape Experiments Lab Teacher's Guide Topic: Static Electricity

Sticky Tape Experiments Lab - physicsclassroom.com

Sticky Tape Experiments Two students are conducting a lab investigation involving charging methods and electrostatic attraction and repulsion. The students know that oppositely charged objects attract, like charged objects repel, and charged and uncharged objects attract.

Sticky Tape Experiments X Y - physicsclassroom.com

Explore static electricity with sticky tape Charge it A teacher laughs as the two tapes he holds in his hands repel! Introduction Use Scotch Magic Tape to determine the electric charge of objects.

Explore static electricity with sticky tape - exo.net

Unit 6 "Sticky Tape Post Lab L1 1. Summarize Data / Observations Prepare a whiteboard of your data by building a table to summarize the interactions of the object. Write if the object tested attracted (A), repelled (R), or had no interaction with the object tested (N).

Unit 6 Sticky Tape Post Lab L1 - cusd80.com

Aim Sticky Tapes Lily Glassick The experiment could have been made more reliable by changing a couple of things. These things include the width of the sticky tape, and the drop of the ball onto the ramp.

Sticky Tapes Science Experiment by Lily Glassick on Prezi

Post-lab discussion: Thomson's experiments and model of the atom 3. Application of Thomson model to conductivity and polarization 4. Activity: conductivity of solutions 5. Electrolysis of CuCl₂ ... The Sticky Tape lab provides the evidence to support a model of the atom with a positive core

1 Sticky Tape - University of Kentucky

Electric Charge Behavior and Interactions Model: Sticky Tape Activity ... under the first cm of tape, sticky side to sticky side. Place this tape on the lab table. This is the base tape. ... With a T tape hanging from one hand and a B tape hanging from the other, experiment by approaching each of the hanging tapes. Then record your

Electric Charge Behavior and Interactions Model: Sticky

Unit 6 Sticky Tape Post-Lab Thomson Model and Sticky Tape 1. Draw a particle diagram of Thomson's model of the atom: 2. What 3 conclusions can you make by the observations you made from the Sticky Tape lab? REMEMBER these! 3. In the Sticky Tape lab, which tape (top or bottom) did we determine to be negative after being ripped apart from the

Unit 6 Sticky Tape Post-Lab - Buckeye Valley

Physics 1b Lab 1: Electrostatics in Your Home Spring 2007 Page 3 / 8 I. Procedure 1. Stick a piece of plastic adhesive tape (Scotch Magic tape works well) about 40 cm long onto a table top. This is your base tape.

Lab 1: Electrostatics in Your Home Introduction

Lesson 6 "The O-Wing" Experiment Page 1 ... Plastic drinking straws Sticky Tape Ruler Thick card Scissors Pencils Making an O-Wing: Flying an O-Wing 1. Carefully cut a strip of card to the ...

The "O-Wing" Experiment

This series of experiments are designed to give you an understanding of how electric charges behave on insulators and conductors. We will perform several experiments, including the "sticky tape experiments" described

ST. LAWRENCE UNIVERSITY Physics 152

by folding under the first cm of tape, sticky side to sticky side. Place this tape on the lab table. This is the base tape. 2. Attach a second similarly prepared strip of tape onto the base tape. ... With a T tape hanging from one hand and a B tape hanging from the other, experiment by approaching each of the four strips hanging on your table ...

Period Date E&M1-Sticky Tape Activity

Chemistry - Unit 4 Sticky Tape Activity Part 1 "Preparing the tapes - examining their behavior ... folding under the first cm of tape, sticky side to sticky side. Place this tape on the lab table. This is the base tape. 2. Attach a second similarly prepared strip of tape onto the base tape.

Sticky Tape Activity - Mr Montero

Video tutorial for Summer Science Splash Camp 2013 at Eckerd College.

Sticky Tape Experiment - YouTube

Using sticky tape to illustrate basic electrostatic repulsion and attraction. Set-up for a blog post looking at the "tipping point" behavior where tapes that are attracted get pulled all the way ...

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