

ELECTROSCOPE INVESTIGATION 1.

What occurs when you place a charged rod on the terminal of the electroscope.

Observations: Draw and describe what you see.

ELECTROSCOPE INVESTIGATION 1.

Why does the electroscope respond in this manner?

- describe how the charges are moving
- make connections to the laws of electrostatics

Analysis:

ELECTROSCOPE INVESTIGATION 2.

Touch the terminal of a charged electroscope with your hand. Record what happens.

Observations: Draw and describe what you see.

ELECTROSCOPE INVESTIGATION 2.

Why does the electroscope respond in this manner?

- describe how the charges are moving
- use scientific terminology in your explanation

Analysis:

ELECTROSCOPE INVESTIGATION 3.

Predict what will occur when you place a charged rod near the terminal of the electroscope, touch the Electroscope itself with your hand as near to the leaves as possible and then release both.

Prediction: (Use an If...then...because..... statement)

ELECTROSCOPE INVESTIGATION 3.

Observations: Draw and describe what you see.

ELECTROSCOPE INVESTIGATION 3.

Why did the electroscope respond the way it did.

- explain in detail applying scientific terminology and principles
- you may use diagrams to help you explain

Analysis:
