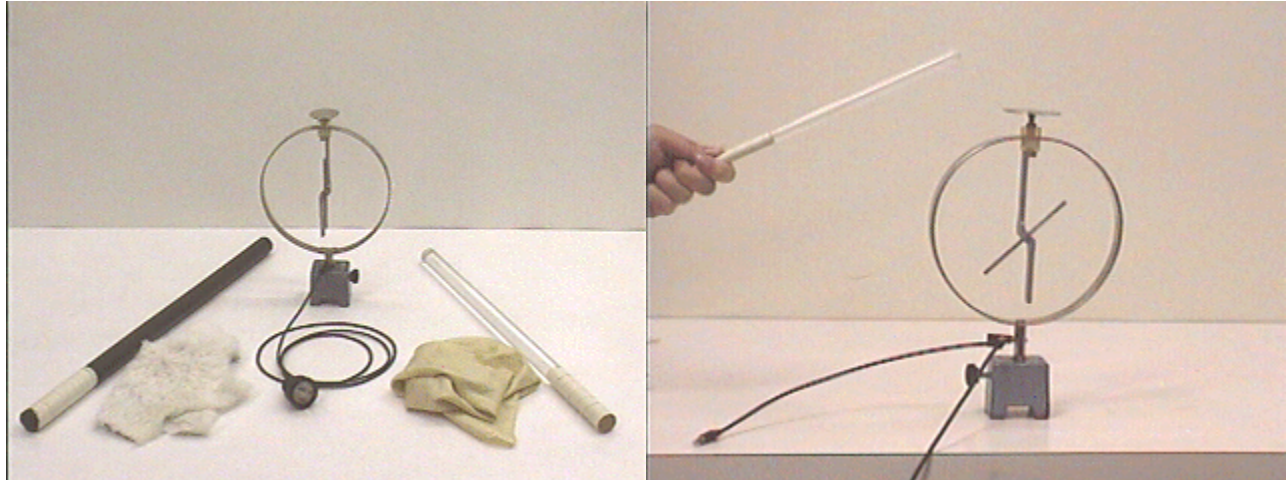


## Question #128

A glass rod is charged positive by rubbing it with (artificial) fur. It is then rubbed against the terminal of an electroscope, charging the electroscope *by conduction*, as seen in an mpeg video by clicking your mouse on the photograph at the right below.



That same glass rod is then charged positive in the same way and brought near to the terminal of the electroscope. How will the electroscope respond?

When the charged glass rod is brought near the terminal, the electroscope will:

- (a) indicate a higher voltage.
- (b) indicate a lower voltage.
- (c) remain the same.

Describe any movement of charge while the rod approaches the electroscope terminal.

Click here for [Answer #128](#) after November 18, 2002.

---

[Question of the Week](#)

[Outreach Index Page](#)

[Lecture-Demonstration Home Page](#)



For questions and comments regarding the *Question of the Week* contact [Dr. Richard E. Berg](#) by e-mail or using phone number or regular mail address given on the [Lecture-Demonstration Home Page](#).