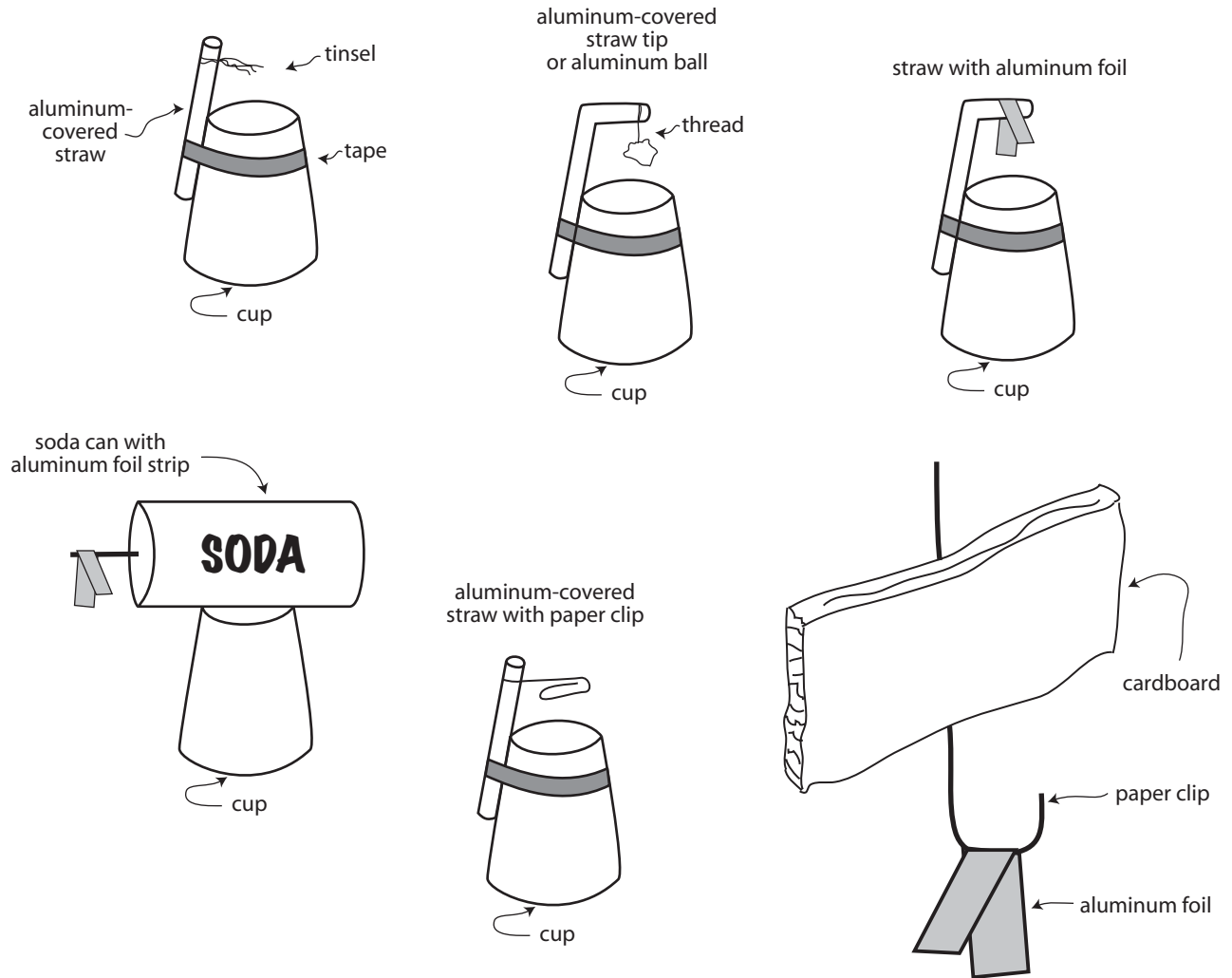


Making Electrosopes

An electroscope detects the presence of static electricity. Use the following illustrations to create electrosopes for use in the following experiment. Or be creative and design your own electroscope.



Time to experiment! Conduct this experiment on a dry day. Moisture in the air acts like a conductor, carrying electricity away as fast as it is produced.

Procedures

1. Rub each object on the wool cloth for 60 seconds. This produces a static charge on each object.
2. Hold the electroscope by the cardboard.
3. Use various objects in testing for static electricity.