

Magic comb

a) Hold a comb close to the very small pieces of newspaper. Describe what happens.

b) Now comb your hair about 10 times and hold it close to the same pieces of newspaper. Draw a picture of what happens in the box below.

c) Rub the spine of the comb with a piece of wool and put it near the pieces of newspaper. Describe what happens.

d) Rub the comb again with a piece of wool and put it near the small pieces of nylon ribbon. Describe what happens.

e) Rub the comb again with the wool. Now try putting the comb near 3 other small things in the classroom such as paper clips or plastic. Each time you try, remember to rub the comb again. Fill in the table below with the item you tested and your observations.

Item being tested	Observations

f) Explain what is happening to the comb when it is rubbed with wool.
