Salt and Pepper Magnet

(your picture here)

What you need:
Balloon – plate - salt - pepper
optional – other spices

What to do:

1. Lightly sprinkle the salt and pepper on the plate so that they mix together. Can you separate them by hand? How long do you think it would take?
2. Blow up the balloon and tie it off.
3. Rub the balloon against your hair for at least 30 seconds.
4. SLOWLY bring the balloon closer and closer to the plate. At some point one of the two spices will jump up and stick to the balloon.

Record your observations:

- Which spice jumps up and sticks to the balloon first?
- If you keep moving the balloon closer what happens?
- Why do you think this happens?
- Do you think you could use something other than a balloon? What about a ruler (do you think it matters what the ruler is made out of)?

Observations

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