
Safety:

- Instruments:**
- tape strips
 - a plate
 - felt-tip pen (water soluble)
 - filter paper
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- Chemicals:**
- water
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- Experiment:**
- Fill the plate with roughly 50 ml of tap water.
 - Fold the filter paper to make a cone.
 - Draw three, short stripes at different spots on the outside edge of the paper with three different felt-tip pens.
 - Then place the filter upright like a cone in the center of the plate. The water should touch the edge of the filter paper, but not the ink stripes.
 - What do you observe?
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Advice for the teacher:

The students observe different colors separated from the ink.

They should learn how all individual colors can be made of different combinations of the three primary colors, that inks are chemically manufactured and that such chemically-manufactured, colored inks can be made in various ways.
