

## 43.1: Materials

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### General Materials Needed

- 600 mL Beaker
- 5-250 mL Beakers
- 8 Plastic Small Tip Pipettes
- 115 mL White Vinegar

### Looks like Kool-Aid

- 1 mL Phenolphthalein Solution
- 1/8th teaspoon Sodium Carbonate
- Plastic Spoon
- 503 mL D.I. Water

### Changing Colors

- 3 mL Universal Indicator Solution
- 3 mL Ammonia
- Grease Pencil
- Graduated Cylinder 3 mL D. I.

### Invisible Ink

- 10 mL Phenolphthalein Solution
- 100 mL Beaker
- Q-tip (1 per person)
- Windex/Ammonia (in spray bottle)
- Water White Paper (1 sheet per person)

#### Notes

- It is very important to use correct glassware
- If measurements are not exact, the process will not work
- Original formula Windex must be used for this experiment (contains ammonia)

### Contributors and Attributions

- Template:ContribCCPhySc101L

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