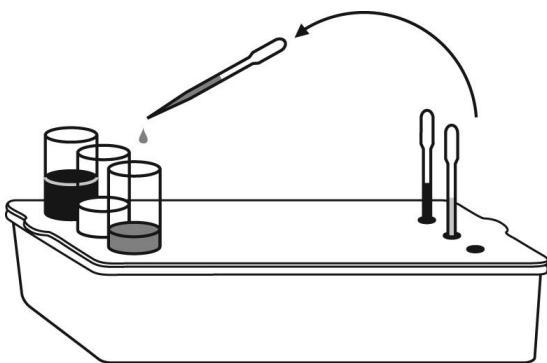


## TASK 24 - PIPETTES



The student uses a pipette to move colored water (from a hidden source) to one of three transparent plastic tubes mounted on the surface of the lid. Because the water source is hidden from sight, the student is able to focus more easily on the action of squeezing and releasing the bulb of the pipette. When it is squeezed and released, the colored water flows, thus demonstrating cause and effect.

Since there is no clear-cut ending point at which a student can determine if the task is finished, **Pipettes** is considered an 'open-ended' activity. It is up to the teacher to indicate when this activity is finished by pre-setting a timer or using a bell.

Samples of food coloring have been provided to get you started. You can readily see the number of combinations that are possible when mixing the colors. If three tubes overwhelm your student, remove one or two of them, thereby reducing the options.

**OPTION:** There is enough room on the surface of the lid on which to place a white absorbent paper napkin. Colored water from the pipettes will make designs on the paper, adding an interesting option for this activity.

**ASSEMBLY:** Attach Velcro coins to lid by centering over the three small guide holes. Then attach the smaller Velcro coins to the bottom of the vials.

### CONTENTS:

- (1) Shoebox base
- (1) Shoebox lid
- (4) pipettes
- (3) food color
- (6) transparent vials
- (3) large Velcro coins
- (3) small Velcro coins