



**5 Easy  
Science  
Projects  
for Kids**



# Layered Liquids



## Instructions:

**Step One** Place the jar/glass in the middle of a cookie sheet.

**Step Two** Pour some cold water into your jar and add several drops of food coloring. Stir.

**Step Three** Add about a 1/2 cup of oil to the jar.

**Step Four** Then add 1/4 cup of corn syrup to the jar.

**Step Five** Let the liquids settle. Experiment with stirring up the ingredients and watching them settle again.

## Materials:

Jars or Clear Glass  
Cookie sheets  
Water  
Food Coloring  
Corn Syrup  
Oil  
Spoons

# Layered Liquids

# Dancing Spaghetti



## Instructions:

**Step One** Fill a glass with water. Add several tablespoons of baking soda to the water.

**Step Two** Break your spaghetti into smaller pieces. Add spaghetti to the water.

**Step Three** Add some vinegar. Watch your spaghetti "dance!"

## Materials:

Clear Glasses or Cups  
Water  
Baking Soda  
Spaghetti  
Vinegar

# 2 Dancing Spaghetti

# Milk Painting



## Instructions:

**Step One** Fill a plate or bowl with milk.

**Step Two** Drop in 2 drops of each of 4 colors of food coloring.

**Step Three** Generously dip the end of a q-tip in dish soap, then dip the q-tip into the milk next to a drop of color. The color will burst as soon as the dish soap hits it.

**Step Four** Gently swirl the q-tip through the different colors and you'll see little rivers of color start to form.

**Step Five** Continue until the colors begin to mix and become brown. Empty your plate/bowl and repeat.

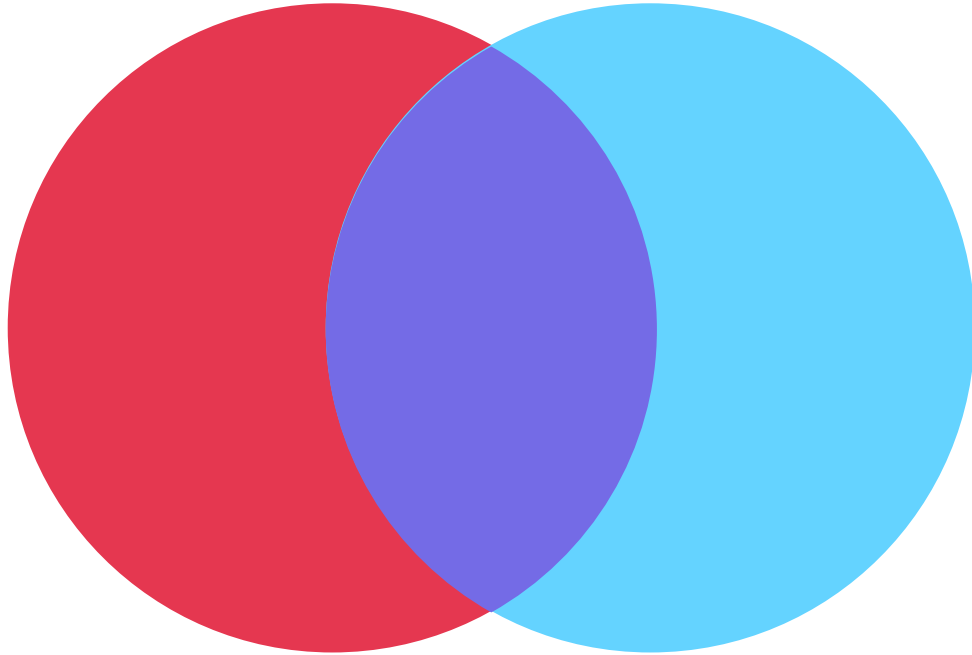
**Variation:** *Pre-mix the milk and dish soap. You won't have the color burst effect but it does seem to keep the colors separate a little longer.*

## Materials:

Milk or Almond Milk  
Dish soap  
Q-tips  
Food coloring  
Shallow plate or wide bowls

# 3 Milk Painting

# Color Mixing



## Instructions:

**Step One** Pour water into three large bowls.

**Step Two** Add blue food coloring to one bowl. Repeat with red and yellow in separate bowls.

**Step Three** Set up a color mixing bowl and a dumping bowl.

**Step Four** Using two plastic cups, experiment with taking a cupful of water from two of the primary colors and pouring them in the mixing bowl. Because the new color appears almost instantly it seems like a magic trick!

**Step Five** Dump the third color in the dumping bowl and repeat the experiment.

## Materials:

Water  
Food Coloring  
White  
or  
Clear Bowls

Color  
Mixing

# Shiny Pennies



## Instructions:

**Step One** Collect dirty tarnished pennies.

**Step Two** Pour vinegar into a bowl and then soak the pennies in the vinegar. Within a minute the pennies will be instantly "shiny."

**Step Three** Rinse half the clean pennies in water and let dry. Allow the vinegar only dipped pennies to dry separately.

**Step Four** Check back in one hour. The vinegar only pennies will start to oxidize and turn green.

**Variation:** Try shining your pennies with other solutions such as salsa, soap and water, and lemon juice. Compare the results to see which one works the best.

## Materials:

Vinegar  
Tarnished Pennies  
Water  
Paper Towels  
Bowls  
*Optional:*  
Salsa  
Lemon juice  
Dish soap

