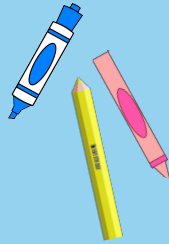


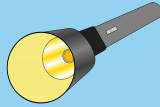
# What You'll Need:



1 sheet of  
paper for  
each  
person



Markers,  
crayons or  
colored  
pencils



Flashlight  
(your phone  
light works  
too!)

Make sure each family member has a sheet of paper and something to draw with. The other paper will be used later.

# Kitchen Science





# Family Mystery Drawing

# Kitchen Science

- 1. Give each family member a piece of paper and art supplies.**
- 2. Assign each artist a section of the paper. For example, one person can draw along the bottom and another the top.**

*Tip: To make sure each artist stays in their section, you can draw guidelines lightly in pencil on each piece of paper.*
- 3. Stack the completed drawings. Which drawings can you see?**

*Tip: If you're using very thin paper, you can place a blank piece between each drawing so the surprise isn't ruined.*
- 4. Hold the stacked drawings up the light and see your completed group drawing.**
- 5. Try writing secret messages or more complex group drawings!**

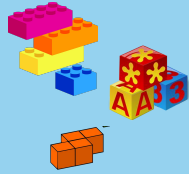




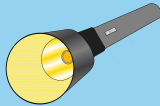
# What You'll Need:



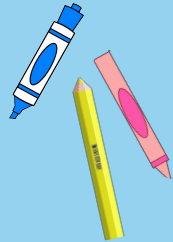
1 sheet of  
paper for  
each person



Building  
blocks  
(LEGO, alphabet,  
counter cubes, etc.)



Flashlight  
(your phone  
light works  
too!)



Markers,  
crayons or  
colored  
pencils

# Kitchen Science



Unleash your inner artist and get ready to draw!

# Shadow Drawings

## Kitchen Science

**1. Build a LEGO or block sculpture**

*Tip: Get creative! The more wild your sculpture, the more interesting a shadow it will cast.*

**2. Place your sculpture on a piece of paper. Shine a light on your sculpture. Use a desk lamp, flashlight, or even the light from your phone.**

**3. Move your light closer to your sculpture or farther away. How does the shadow change when you move the light higher and lower?**

**4. When your shadow looks the most interesting, use your markers, crayons, or pencils to trace the shadow.**

**5. Remove your sculpture from the paper. What does your outline look like? Add details and enjoy your shadow art!**

