

Activity: Sunset Through a Glass

THE TOOLS YOU'LL NEED

- Wide Mouth Clear Glass of Water
- 1-2 Tablespoons of Milk
- Flashlight
- White Background: A wall, sheet of paper, or hanging fabric will work nicely.
- A Steady Surface to place your glass
- Optional: Food Coloring
- Optional: Different-shaped Clear Glasses



Step 1

Center the glass of water on a steady surface in front of a white background. Turn on the flashlight. Shine the light through the glass of water at different levels and angles.



Step 2

Add the milk to the glass of water. Be careful not to add too much, and do not stir it. The milk will make the water cloudy. The cloudiness represents particles in the air.



Step 3

Shine the flashlight through the glass. Notice the different colors in the light reflecting on the wall.



Step 4 (Optional)

Add 1-3 drops of food coloring or use a different-shaped glass to experiment further. Shine the flashlight through the glass to see what other sunset colors you can make!