



PEOPLE ARE LIKE A RADIANT RAINBOW!



COLORS OF HUMANITY

ROY G. BIV—have you used this acronym to remember the colors of the rainbow? It stands for red, orange, yellow, green, blue, indigo, and violet. Though sunlight appears white, it can actually separate into bands of color.

Like a rainbow, humanity has a wide spectrum of diversity. We have physical differences, and we come from many different countries, cultures, and

backgrounds. Each of us has unique ways of thinking and expressing ourselves. But just as all the colors of a rainbow come from the sun's light, each individual belongs to the same human family.

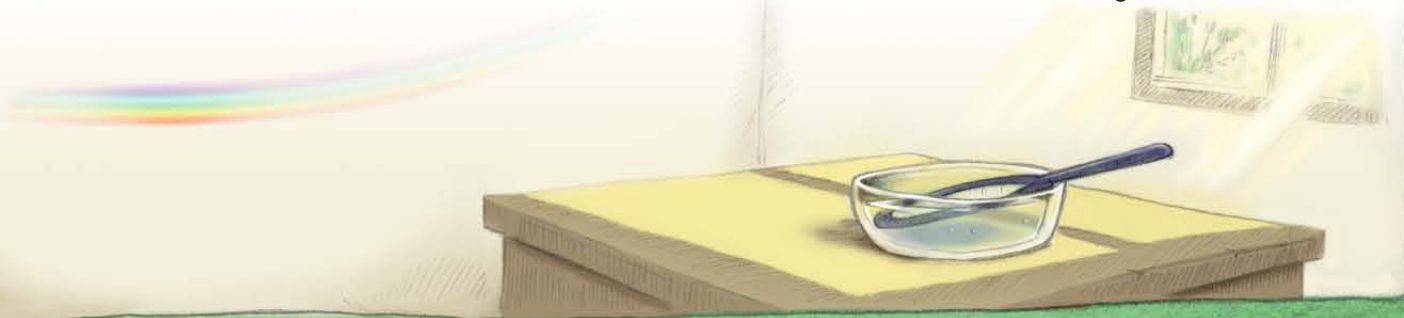
Every day, we can share our unique talents, strengths, and ideas, and we can learn from one another. The more we all live and work in unity, the more light we bring to the world.

MAKE YOUR OWN RAINBOW

You'll Need: Clear glass bowl or dish about 7" (18 cm) wide and 3" (7.5 cm) tall
5 1/2" (14 cm) round mirror • clear water • UV sunglasses • room with brightly sunlit window

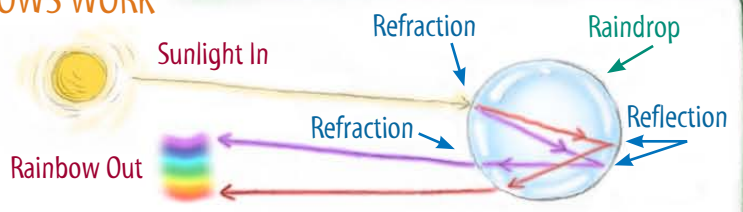
CAUTION: Even with sunglasses, never look directly at the sun or its reflection in the mirror. The sun's powerful rays can damage your sensitive eyes.

1. Pour water in the dish until it's about two-thirds full.
2. Place the dish near a sunny window on the floor or a table.
3. Put on your sunglasses and place the mirror inside the dish, partly submerged in the water.
4. Make sure the mirror is angled toward the sun. The sun's light should shine into the mirror.
5. Remove your sunglasses. Now look for one or more rainbows on the ceiling or walls.



HOW RAINBOWS WORK

Why do we most often see rainbows on rainy days? Sunlight contains waves of light in different lengths, or wavelengths, and these wavelengths can appear as different colors. When the sun comes out and its white light enters a raindrop, the waves bend, or refract, in varying amounts, depending on their length. This causes the waves to separate into the colors of the rainbow.



To make it easier to follow the wavelengths, only two of the seven colors of the rainbow are shown in this raindrop. You can usually find a rainbow when the sun is low in the sky and shining from behind you, onto a distant rain shower.