

# SOMEWHERE OVER THE RAINBOW



## Level ONE Questions (#1-3)

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1. What color of the primary (single-arched) rainbow is found highest in the sky?
2. Which of the following colors is found in sunlight?  
A. Red      B. Green      C. Blue      D. All of the above
3. In a double rainbow, which is brighter, the upper rainbow or the lower one?

## Level TWO Questions (#4-6)

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4. Which has a shorter wavelength, red light or blue light?
5. In the secondary rainbow, what color appears lowest in the sky?
6. What produces the light you see in a rainbow?  
A. The raindrops  
B. The sky  
C. Your eyes  
D. The sun

## Level THREE Questions (#7-10)

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7. Based on the information presented in the poster, which has a longer wavelength, green light or yellow? Explain how you know.
8. If the sun is out while rain is falling, in which direction should you look to find a rainbow?  
A. Toward the sun  
B. With the sun at your back  
C. Straight up  
D. Straight down
9. Do you think there are rainbows on the Moon? Why or why not?