

Draw a simple picture (like a circle) on white paper. Color in the picture with a green marker.

2 Stare at the picture for about 30 seconds. 3 Quickly look at a blank sheet of white paper.



When you stare at the color green for about 30 seconds, the parts of your eye that detect green get "tired." So when you look at white Paper, the parts of your eye that detect other colors take over. They combine to give you a magenta (a mix of red and blue) afterimage. In a few moments, the magenta image fades as the parts of your eye that detect green begin working again. What color is the afterimage when you stare at the color red or at blue?



Now it's time for you to **experiment**. Try making a new picture with a different color. What color is the afterimage? What happens if you add a pattern, like stripes? What happens if you change the amount of time that you stare at the picture? Choose one thing to change (that's the variable), and make a prediction. Then test it and send your results to ZOOM.







Extra Challenge!

Think of an afterimage that

you want to see and draw the

Picture that will create that

afterimage. For example, how

can you see an afterimage

of a yellow banana?





