



E-mailed by Danny M.

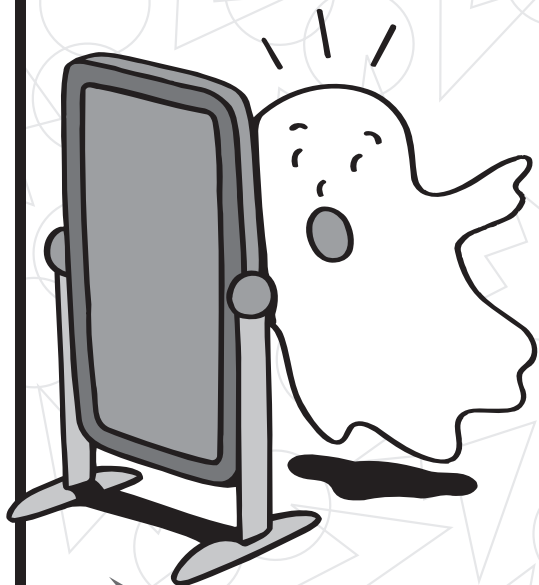
# Afterimage



Try It Out!

What You Need

- 2 pieces of white paper
- colored markers



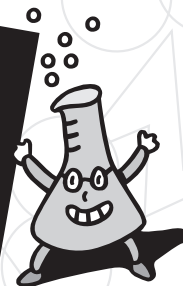
- 1 Draw a ghost using a black marker on white paper. Color the ghost in with the black marker.
- 2 Stare at the ghost for about 30 seconds.
- 3 Quickly look at a blank sheet of white paper. What do you see?

What other ways can you "trick" your eyes?  
Send your ideas to ZOOM, Box 350, Boston, MA 02134 or [pbskids.org/zoom](http://pbskids.org/zoom).



## Science Scoop

The picture you see after you stare at the ghost is called an afterimage. If the colors of the afterimage and the colors of the original picture are mixed together, they make a dull gray color. So, if you mix the color of the ghost (black) with the color of its afterimage (bright white), those two colors make gray.



Draw a ghost using a colored marker. Predict what color the afterimage will be and test it out. Try drawing an image with many colors, like a flag. What colors do you see in the afterimage?