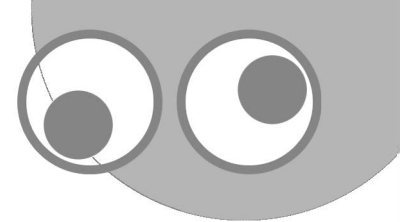


# HOW DO WE SEE THE WORLD AROUND US?

Which part of your face helps you read, watch movies and see color? Which part makes tears when you're sad or squints when you smile? Which part has muscles that let you focus on things that are close or far away? \_\_\_\_\_

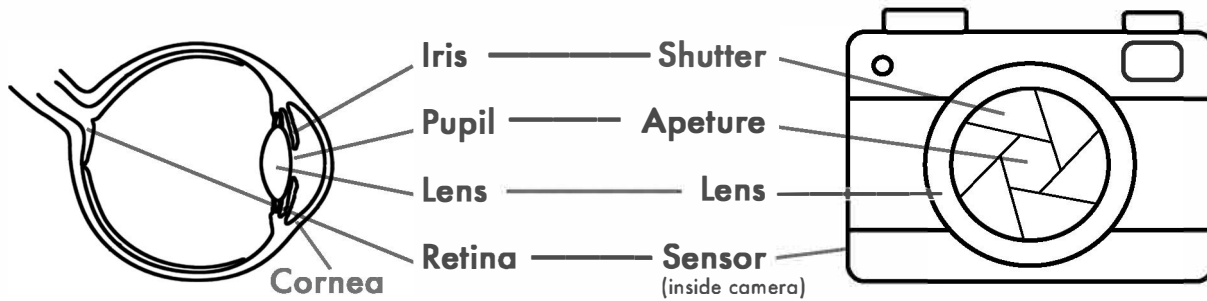
Your eyes see colors, shapes, shadows and light, and send all of that information to your brain so you know what's going on in the world! Eyeballs are incredible organs. Let's take a look at what they're made of!



Add color to the diagram!

## EYES ARE LIKE CAMERAS

The parts of your eye work a lot like a camera. Your cornea is like the front part of a camera lens (called an "optical lens") and it bends light into your eye through your pupil. The lens of your eye works like the inner parts of a camera lens. It directs light onto a sensor that turns the light into a signal, just like the lens of your eye directs light to the retina so that the signal can be sent to your brain. Your pupil and iris act like the aperture and shutter of a camera, growing or shrinking to let the right amount of light in depending on how bright your environment is.



## IN YOUR MIND'S EYE

Using drawings, scribbles, words, colors or anything else, respond to these questions in the space below or on the backside of this page: *How do YOU see the world? What do you WANT to see in the world? Why is what YOU see unique?*

Now EYE know!

