

Top 10 facts about the eyes!

word bank

sensitive, brain, skull, dark, black, information, bright, shades, signals, tissue, ball, focus, colourful, microscopes

1. They take in tons of _____ about the world around you: shapes, colors, movements, and more. Then they send the information to your _____ for processing so the brain knows what's going on outside of your body.
2. The eye is about as big as a ping-pong _____ and sits in a little hollow area in the _____.
3. Blinking is a voluntary and involuntary action, meaning you can blink whenever you want to, but it also happens without you even thinking about it.
4. The cornea helps the eye _____ as light makes its way through. It is a very important part of the eye, but you can hardly see it because it's made of clear _____.

5-. The iris is the _____ part of the eye. When we say a person has blue eyes, we really mean the person has blue irises!

6-. The pupil is the _____ circle in the center of the iris, which is really an opening in the iris, and it lets light enter the eye.

7-. These next parts are really cool, but you can't see them with just your own eyes! Doctors use special _____ to look at these inner parts of the eye, such as the lens.

8-. Your retina is in the very back of the eye. It holds millions of cells that are _____ to light. The retina takes the light and changes it into nerve _____ so the brain can understand what the eye is seeing.

9-. The retina uses special cells called rods and cones to process light. Rods see in black, white, and _____ of grey. Rods can't tell the difference between colors, but they are super-sensitive, allowing us to see when it's very _____.

10-. Cones sense colour and they need more light than rods to work well. Cones are most helpful in normal or _____ light.

The eyes you have will be yours forever — treat them right and they'll never be out of sight!