

Learn About Eyeballs



If you're looking at these words right now, you're using your eyes. How do these amazing organs work? We turned to our favorite place for finding fun facts — the Internet — to answer some common eye questions.

1. What is the white part of our eye called?

Visit http://www.kidshealth.org/kid/body/eye_noSW.html and you'll learn that the white of your eye is the **sclera** (say: sklair-uh), a tough material that has the important job of covering most of the eyeball. To learn more about parts of the eye, visit <http://www.stlukeseye.com/Anatomy.asp>

2. How big is the human eye?

<http://faculty.washington.edu/chudler/bigeye.html>

The human eye is about 2.5 cm in length and weighs about 7 grams. Six bands of muscles attach to the eyeball to control the ability of the eye to look up and down and side to side.

3. Do you know what to do when you meet someone with vision loss? Find out at:

<http://www.99main.com/~charlif/vi/meeting.html> where you'll learn that when speaking to a person with vision loss, don't omit words like, "See" or "Look"... People with visual impairments are not offended by these words.


4. What animal has the largest eye? According to

<http://www.funtrivia.com/askft/Question32949.html> the Giant Squid has the largest eye of any animal— living or extinct, with an eye that measures 15 inches in diameter. A whale's eye is 4.7 inches, and an adult human eye is .94 inches.

5. Want to look inside an eyeball?

At http://iknow.net/CDROMs/eyephys_cdrom/index.html you can see what it looks like inside an eyeball, from the inside out.




Fool Your Eyes 

Here's a video that proves that what you see isn't always what you get. Have a look.
<http://youtube.com/watch?v=5oZtx8vVnA0>

Optical illusions - A new world





Anatomy of the Eye

Tear Layers

- eyelid
- lacrimal duct
- conjunctiva
- meibomian gland
- outer oily layer
- middle watery layer
- inner mucous layer

The meibomian glands secrete a lubricating oil onto the eyelids. This oil forms the outermost layer of the lubricating tear film on the cornea.

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